



**Natural Sciences and
Engineering Research
Council of Canada**

**Conseil de recherches
en sciences naturelles
et en génie du Canada**

**LIST OF SCHOLARSHIPS
AND GRANTS IN AID
OF RESEARCH**

**(APPENDIX TO THE
REPORT OF THE PRESIDENT)**

**LISTE DES BOURSES
ET SUBVENTIONS DE
RECHERCHE**

**(APPENDICE AU
RAPPORT DU PRÉSIDENT)**

FOREWORD

This publication has been prepared as a companion document to the Report of the President of the Natural Sciences and Engineering Research Council for 1981-82; it contains the lists of all grants and scholarships awarded by NSERC for 1981-82. This list provides a detailed financial accounting of NSERC program expenditures in 1981-82. It includes those grants and scholarships awarded in a previous fiscal year but paid or partially paid in 1981-82. The list also includes those awards administered by NSERC on behalf of other agencies. The sections containing the program description and the financial statements have been repeated so that this document will give a complete account of Council's activities.

Detailed descriptions of the programs offered by the Council may be obtained by consulting the following NSERC publications: Report of the President of the Natural Sciences and Engineering Research Council, Awards Guide, Scholarships and Fellowships Guide and the newsletter CONTACT.

For further information on the activities of NSERC, please contact:

NSERC Information Officer
Montreal Road
Ottawa, Canada K1A 0R6

AVANT-PROPOS

Cette publication est complémentaire au Rapport du Président du Conseil de recherches en sciences naturelles et en génie (1981-1982); elle contient les listes de toutes les subventions et bourses accordées par le CRSNG pour l'année 1981-1982. Cette liste constitue un état financier détaillé des dépenses du CRSNG en 1981-1982 dans le cadre de son programme de bourses et de subventions de recherche. Elle comprend les subventions et les bourses accordées durant les années financières précédentes, mais payées en 1981-1982. Elle comprend également les bourses administrées par le CRSNG au nom d'autres organismes. La description du programme et les états financiers ont été repris pour que ce document constitue un compte rendu complet des activités du Conseil.

On peut trouver des descriptions plus détaillées des programmes offerts par le Conseil en consultant les publications suivantes du CRSNG: le Rapport du Président du Conseil de recherches en sciences naturelles et en génie, le Guide des subventions, le Guide des bourses et la revue CONTACT.

Pour de plus amples renseignements sur les activités du Conseil, prière de communiquer avec:

l'Agent d'information du CRSNG
chemin de Montréal
Ottawa, Canada K1A 0R6

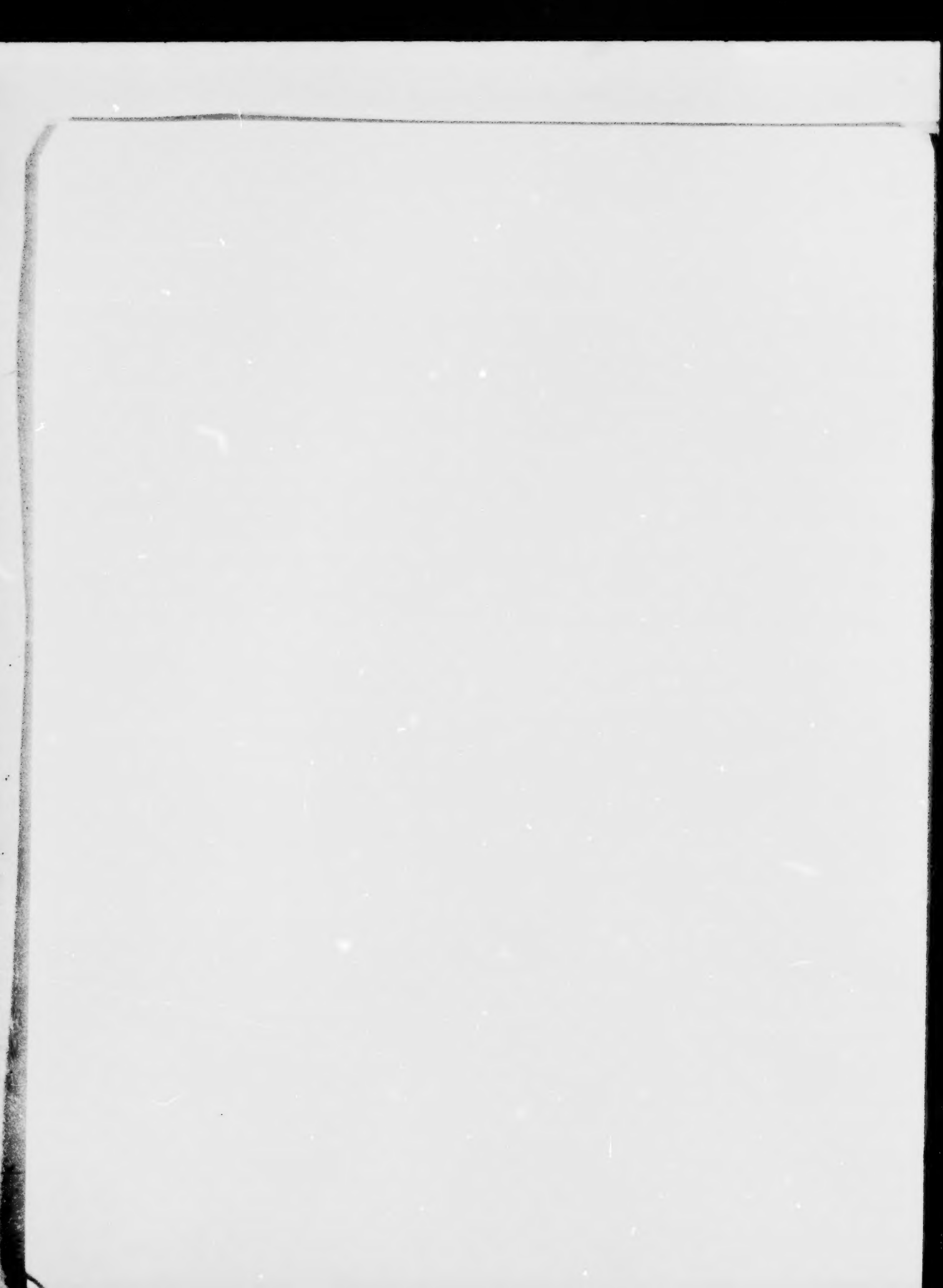


TABLE OF CONTENTS/TABLE DES MATIÈRES

Foreword/Avant-propos	iii
PROGRAM DESCRIPTION/DESCRIPTION DU PROGRAMME	vii
FINANCIAL STATEMENTS/ÉTATS FINANCIERS	xiii

AWARDS 1981-82/SUBVENTIONS ET BOURSES 1981-1982

Grant Selection Committee Codes/Codes des comités de sélection des subventions	1
Strategic Grant Selection Panel Codes/Codes des comités de sélection des subventions thématiques	1
1. RESEARCH GRANTS/SUBVENTIONS DE RECHERCHE.....	3
1.1. Operating Grants/Subventions pour dépenses courantes	5
1.2. Strategic Grants/Subventions thématiques	482
1.3. PRAI Grants (Project Research Applicable in Industry)/ Subventions PRAI (Projets de recherche avec applications industrielles)	557
2. RESEARCH MANPOWER AWARDS*/BOURSES DE MAIN-D'ŒUVRE DE RECHERCHE*	561
2.1 University/Université.....	563
2.1.1. Undergraduate University Summer Research Awards/ Bourses de recherche d'été (1 ^{er} cycle) en milieu universitaire	563
2.1.2. Postgraduate Scholarships/Bourses postgrade	581
2.1.3. Postgraduate Scholarships in Science Librarianship and Documentation/ Bourses d'études supérieures en bibliothéconomie et documentation scientifiques	636
2.1.4. 1967 Science Scholarships/Bourses en sciences 1967	638
2.1.5. University Postdoctoral Fellowships/Bourses postdoctorales universitaires	642
2.1.6. University Research Fellowships/Chercheurs-boursiers universitaires	647
2.1.7. E.W.R. Steacie Memorial Fellowships/Bourses commémoratives E.W.R. Steacie.....	652
2.2. Industry/Industrie	653
2.2.1. Undergraduate Industrial Summer Research Awards/Bourses de recherche d'été (1 ^{er} cycle) en milieu industriel.....	653
2.2.2. Industrial Postdoctoral Fellowships/Bourses postdoctorales industrielles	656
2.2.3. Industrial Research Fellowships/Chercheurs-boursiers en milieu industriel	659
2.2.4. Senior Industrial Fellowships/Bourses de stages industriels.....	661
3. RESEARCH INFRASTRUCTURE GRANTS/SUBVENTIONS D'INFRASTRUCTURE DE RECHERCHE	663
3.1. Equipment/Appareillage	665
3.1.1. Equipment Grants/Subventions d'appareillage.....	666
3.1.2. Major Equipment Grants/Subventions d'appareils spéciaux	710
3.1.3. Major Installation Grants/Subventions pour installations spéciales.....	715
3.2. Core Grants/Subventions d'infrastructure.....	717
3.2.1. Core Grants/Subventions d'infrastructure.....	718
3.2.2. Special Core Grants/Subventions spéciales d'infrastructure	636
4. DEVELOPMENTAL GRANTS/SUBVENTIONS DE DÉVELOPPEMENT.....	737
4.1. Research Development Grants/Subventions de développement de la recherche	739
4.2. Assistance to Small Universities/Aide aux petites universités.....	759
4.3. Forestry Research Grants/Subventions de recherche en foresterie	760

*Includes those scholarships and fellowships awarded during the fiscal years 1981-82 or 1980-81 and paid out in full or in part during the fiscal year 1981-82./*Comprend les bourses accordées au cours des exercices financiers 1981-1982 ou 1980-1981 et pour lesquelles des paiements ont été effectués au cours de l'exercice 1981-82.

5. GENERAL RESEARCH SUPPORT/AIDE GÉNÉRALE À LA RECHERCHE	763
5.1. General Research Grants/Subventions générales de recherche.....	765
5.2. Scientific Publication Grants/Subventions à des publications scientifiques	767
5.3. Conference Grants/Subventions pour conférences.....	769
5.4. General Promotion and Miscellaneous Grants/Subventions à des activités spéciales et subventions diverses	773
5.5. International Programs/Programmes internationaux	774
5.5.1. Scientific Exchange Programs/Programmes d'échanges de scientifiques.....	774
5.5.1.1. Visits to Canada: Brazil/Visites au Canada: Brésil.....	774
5.5.1.2. Visits to Canada: Bulgaria/Visites au Canada: Bulgarie.....	775
5.5.1.3. Visits to Canada: Czechoslovakia/Visites au Canada: Tchécoslovaquie.....	776
5.5.1.4. Visits to Canada: Japan/Visites au Canada: Japon	778
5.5.1.5. Visits to Brazil: Canada/Visites au Brésil: Canada	780
5.5.1.6. Visits to Czechoslovakia: Canada/Visites en Tchécoslovaquie: Canada.....	781
5.5.1.7. Visits to Japan: Canada/Visites au Japon: Canada	782
5.5.1.8. Visits to France: Canada/Visites en France: Canada.....	784
5.5.2. Nuffield-NSERC Visiting Lectureships/Nuffield-CRSNG: Visites des conférenciers invités.....	786
5.5.3. International Collaborative Research Grants/Subventions de recherche coopérative internationale.....	787
5.5.4. International Scientific Exchange Awards/Subventions d'échanges scientifiques internationaux	790
5.6. Travel Grants/Subventions de voyage.....	794
5.7. Special Travel Grants—Astronomy/Subventions spéciales de voyage—Astronomie.....	805
6. OTHER PROGRAMS OF GRANTS AND SCHOLARSHIPS ADMINISTERED BY NSERC ON BEHALF OF OTHER DEPARTMENTS, AGENCIES AND ORGANIZATIONS/AUTRES PROGRAMMES DE SUBVENTIONS ET BOURSES ADMINISTRÉS PAR LE CRSNG POUR LE COMPTE D'AUTRES ORGANISMES ET MINISTÈRES	807
6.1. Environment Canada/Environnement Canada	809
6.1.1. Postgraduate Fellowships in Meteorology and Atmospheric Sciences/ Bourses postgrade en météorologie et sciences atmosphériques.....	809
6.2. Canadian International Development Agency/Agence canadienne de développement international.....	811
6.2.1. CIDA/NSERC Research Associateships/Chercheurs associés ACDI/CRSNG	811
6.3. External Affairs Canada/Affaires extérieures Canada	815
• France/Canada Cultural Exchange Agreement/Échanges culturels France/Canada	
6.3.1. Visits to Canada: France/Visites au Canada: France.....	815
6.4. North Atlantic Treaty Organization/Organisation du Traité de l'Atlantique Nord	
6.4.1. Postdoctoral Fellowships/Bourses postdoctorales.....	817
6.5. Visiting Fellowships in Canadian Government Laboratories/Bourses de recherche scientifique dans les laboratoires du gouvernement canadien.....	819
• Agriculture Canada/Agriculture Canada	
• Atomic Energy of Canada Limited/Énergie atomique du Canada, Ltée	
• Communications Canada/Communications Canada	
• Energy, Mines and Resources Canada/Énergie, Mines et Ressources Canada	
• Environment Canada/Environnement Canada	
• Fisheries and Oceans Canada/Pêches et Océans Canada	
• Health and Welfare Canada/Santé et Bien-être social Canada	
• National Museums of Canada/Musées nationaux du Canada	
• National Defence/Défense nationale	
• National Research Council Canada/Conseil national de recherches Canada	

PROGRAM DESCRIPTION

DESCRIPTION DU PROGRAMME

PROGRAM DESCRIPTION

Research Grants

NSERC Research Grants are awarded to individuals and groups for research expenses and equipment costs in support of a spectrum of research activities; grant applications are adjudicated by experts on the basis of the research excellence of the applicants, the quality of the research proposals and, in some programs, particular emphasis is put on the socio-economic relevance of research projects to selected areas of national concern or to industry.

a) Operating Grants

NSERC operating grants, Council's largest single initiative, represent the major source of funding for discipline research (both pure and applied) in Canada. This type of endeavour constitutes the foundation of a large part of Canada's research effort.

- *Individual Grants* to assist in defraying the operating costs of the research of individuals in all disciplines of the natural sciences and engineering.
- *Team Grants* to assist in defraying the operating costs of the research of a number of researchers working on a common project(s).
- *Projects Grants* to intermediate and high energy physicists to support their research activities at specialized facilities located in Canada and abroad.
- *Collaborative Special Project Grants* to encourage and support the active participation of a group of researchers in a significant research project, program or campaign representing an exceptional or unique opportunity for collaboration. (Introduced in 1981)
- *Co-op Grants* to encourage increased and continuous interaction among excellent researchers through supplementary funds for a limited number of new and highly significant research projects. (Phased out in 1981)

b) Targeted Research Grants

Council encourages university researchers to undertake research projects aimed at understanding or solving problems in areas of national concern or facilitating the transfer of research results from universities to industry.

- *Strategic Grants* to enable university researchers to make greater contributions towards the understanding and the solution of problems of national concern either through specific applied research projects having potential for relatively short-term benefits or through more basic research activities designed to develop knowledge in areas of importance. Strategic grants may take the form of research grants to indi-

DESCRIPTION DU PROGRAMME

Subventions de recherche

Les subventions de recherche du CRSNG sont accordées à des chercheurs individuels ou à des groupes pour payer les frais de recherche et d'appareillage relatifs à diverses activités de recherche. Les demandes de subventions sont évaluées par des experts en fonction de l'excellence des chercheurs et de la qualité de leurs projets de recherche. Dans quelques programmes, le Conseil insiste particulièrement sur la pertinence socio-économique des projets de recherche à certains domaines d'intérêt national ou à l'industrie.

a) Subventions pour dépenses courantes

Les subventions pour dépenses courantes du CRSNG, qui constituent le plus grand programme du Conseil, sont la source la plus importante d'aide à la recherche fondamentale et appliquée au Canada. Ce genre de recherche est à la base d'une grande partie des activités de recherche au Canada.

- *Les subventions individuelles* contribuent à payer les dépenses normales de recherche de chercheurs individuels dans tous les domaines des sciences naturelles et du génie.
- *Les subventions d'équipe* contribuent à payer les dépenses normales de recherche d'un certain nombre de chercheurs travaillant ensemble à un ou des projets communs.
- *Les subventions pour projets de recherche* en physique des hautes et moyennes énergies appuient les travaux de recherche effectués à l'aide de grandes installations au Canada et à l'étranger.
- *Les subventions à des projets collectifs spéciaux* encouragent et soutiennent la participation active de groupes de chercheurs à un projet ou programme de recherche d'envergure qui représente une occasion exceptionnelle de collaboration (programme créé en 1981).
- *Les subventions coop* encouragent une interaction plus soutenue et continue entre des chercheurs éminents en accordant des montants supplémentaires, pour un nombre limité de projets nouveaux et très importants (programme abandonné progressivement en 1981).

b) Subventions à la recherche orientée

Le Conseil encourage les chercheurs universitaires à entreprendre des projets de recherche qui pourront contribuer à la solution et à la compréhension de problèmes d'intérêt national ou faciliter le transfert des résultats de la recherche universitaire à l'industrie.

- *Les subventions thématiques* permettent aux chercheurs universitaires de contribuer davantage à la compréhension et à la solution de problèmes importants pour le Canada. Cette contribution peut prendre la forme de recherche appliquée pouvant s'avérer utile à court terme ou encore être de la recherche plus fondamentale destinée à augmenter notre connaissance de domaines importants. Les subventions

viduals or groups. The fields of research currently supported are: communications, energy, environmental toxicology, food/agriculture, and oceans. NSERC also supports a limited number of projects in areas deemed to be of national concern by Canadian universities (open area). The area of biotechnology will be added in 1982-83.

- *Project Research Applicable in Industry Grants (PRAI)* to capitalize on advances in university research that show potential for eventual commercial exploitation in Canada. These grants provide financial support for the further development of such advances in university laboratories to the point at which they can be transferred to industry.

Research Manpower Awards

NSERC offers a wide range of awards, scholarships and fellowships to undergraduate and graduate students, postdoctoral fellows and scientists and engineers in universities and industry for advanced study, research or professional development; these awards are tenable in universities, industrial firms and other institutions in Canada and abroad.

The awards are aimed at maintaining the availability of highly skilled manpower to meet the needs created by an increased national R & D effort and at alleviating the pressures on the university research effort which will result from the high retirement rate of professors in the late 1980's.

- *Undergraduate Summer Research Awards* to kindle interest of undergraduate students in research as a career by providing them with valuable experience in a university or industrial research laboratory.
- *Postgraduate Scholarships* to assist science and engineering graduates to obtain advanced degrees in the fields supported by Council.
- *1967 Science Scholarships* to assist outstanding Canadian students in undertaking graduate studies and research leading to a doctorate and to stimulate exchanges of students between different cultural and geographical regions of Canada.
- *Postgraduate Scholarships in Science Librarianship and Documentation* to assist science and engineering graduates to obtain advanced degrees in these fields.
- *Postdoctoral Fellowships* to provide scientists and engineers who recently completed a doctorate with an opportunity to add to their experience by engaging in special training in Canadian universities, provincial research councils and universities and research institutions abroad.

thématiques sont accordées à des chercheurs individuels ou à des groupes. Les domaines de recherche subventionnés présentement sont: l'agriculture et l'alimentation, l'énergie, les océans, les télécommunications et la toxicologie de l'environnement. Le Conseil subventionne également un nombre limité de projets dans d'autres domaines, jugés d'intérêt national par les universités canadiennes (thème «ouvert»). La biotechnologie s'ajoutera à ces domaines en 1982-1983.

- *Les subventions à des projets de recherche avec applications industrielles (PRAI)* visent à permettre au Canada de tirer parti de certaines découvertes découlant de la recherche universitaire et susceptibles d'exploitation commerciale au Canada. Elles apportent l'aide financière nécessaire au développement ultérieur de ces découvertes dans les laboratoires universitaires jusqu'au moment où on peut les transférer à l'industrie.

Main-d'œuvre de recherche

Le CRSNG offre une gamme complète de programmes de bourses à des étudiants des 1^{er}, 2^e et 3^e cycles, à des stagiaires postdoctoraux et à des scientifiques et ingénieurs, universitaires ou industriels, pour des études supérieures, des travaux de recherche ou le perfectionnement professionnel; ces bourses peuvent être détenues dans les universités, les entreprises industrielles et d'autres institutions, canadiennes ou étrangères.

Ces programmes visent à encourager la formation de la main-d'œuvre spécialisée nécessaire pour répondre aux besoins d'un effort national accru en matière de R et D. Le second objectif est de compenser partiellement les effets qu'aura sur la recherche universitaire, à la fin des années quatre-vingt, le haut taux de retraite des professeurs.

- *Les bourses de recherche d'été (1^{er} cycle)* éveillent l'intérêt des étudiants du 1^{er} cycle à une carrière en recherche en leur fournissant l'occasion d'acquérir de l'expérience dans un laboratoire universitaire ou industriel de recherche.
- *Les bourses postgrade* aident les étudiants diplômés en sciences et en génie à obtenir des diplômes supérieurs dans les domaines subventionnés par le Conseil.
- *Les bourses en sciences 1967* aident les étudiants canadiens exceptionnels qui entreprennent des études supérieures et des travaux de recherche conduisant à un doctorat et stimulent les échanges d'étudiants entre les différentes régions géographiques et culturelles du Canada.
- *Les bourses d'études supérieures en bibliothéconomie et documentation scientifiques* aident des diplômés en sciences et en génie à obtenir un diplôme en ce domaine.
- *Les bourses postdoctorales* fournissent à des scientifiques et à des ingénieurs qui ont récemment obtenu un doctorat la possibilité d'ajouter à leurs connaissances en entreprenant un programme de recherche spécialisé dans les universités canadiennes, dans les conseils de recherche provinciaux et dans les universités et les instituts de recherche à l'étranger.

- *University Research Fellowships* to expand career opportunities in research for a select number of promising highly qualified scientists and engineers.
- *Industrial Research Fellowships* to encourage highly qualified scientists and engineers to seek careers with industrial organizations in Canada.
- *E.W.R. Steacie Memorial Fellowships* - prestige fellowships to provide outstanding and very promising scientists and engineers in Canadian universities with the opportunity to devote up to two years solely to their research activities.
- *Senior Industrial Fellowships* to stimulate a productive interchange between universities and industry, by allowing staff members of Canadian universities to spend one year with industrial or quasi-industrial organizations in Canada.

Research Infrastructure Grants

Research Infrastructure Grants are awarded to individuals, groups and institutions to support the acquisition of research equipment and the development of special research facilities; they also promote and support the effective use, operation and maintenance of research facilities.

- *Equipment and Major Equipment Grants* to assist university professors in the purchase of research equipment costing between \$7,000 and \$275,000.
- *Major Installation Grants* to assist competent research groups in Canadian universities in acquiring equipment or research facilities costing over \$275,000.
- *Infrastructure Grants* to assist in the operation and maintenance of major research facilities. (Expansion of the former core grants)

Development Grants

Developmental grants support selected manpower, infrastructure and research initiatives, negotiated with individuals, groups and institutions; they ensure a more balanced development of the research and the research-training capability in selected regions, institutions, disciplines or professions.

- *Research Development Grants* to create, restore or improve the environment for research in certain regions and in smaller universities where, in the national interest, the need and value of doing so are evident, or where Council's other programs are not effective in accomplishing this objective (formerly Regional Development Grants).
- *Special Forestry Assistance Grants* to provide special assistance to forestry research in Canadian universities.

- *Le programme de chercheurs-boursiers universitaires* fournit à un certain nombre de chercheurs d'avenir l'occasion de poursuivre leur carrière en recherche.
- *Le programme de chercheurs-boursiers en milieu industriel* fournit à des scientifiques et ingénieurs hautement qualifiés l'occasion de faire carrière au sein d'organismes industriels au Canada.
- *Les bourses commémoratives E.W.R. Steacie* sont des bourses de prestige offertes à de jeunes scientifiques exceptionnels pour leur permettre de consacrer jusqu'à deux années entières à leurs travaux de recherche.
- *Les bourses de stages industriels* stimulent les échanges entre les universités et l'industrie en permettant aux universitaires canadiens de passer une année dans l'industrie canadienne ou dans des sociétés à caractère quasi industriel au Canada.

Subventions d'infrastructure

Les subventions d'infrastructure de recherche sont offertes à des chercheurs individuels, des groupes ou des institutions, pour l'acquisition d'appareillage de recherche et le développement d'installations spéciales de recherche et pour en assurer une utilisation, un fonctionnement et un entretien efficaces.

- *Les subventions d'appareillage et d'appareils spéciaux* aident les chercheurs universitaires à acheter des appareils de recherche dont le coût excède \$7 000 sans dépasser \$275 000.
- *Les subventions pour installations spéciales* aident des groupes de chercheurs universitaires canadiens à obtenir de l'appareillage ou une installation de recherche coûtant plus de \$275 000.
- *Les subventions d'infrastructure* aident à payer les coûts de fonctionnement et d'entretien d'installations spéciales de recherche.

Subventions de développement

Les subventions de développement soutiennent la formation de chercheurs, l'infrastructure de recherche ou certaines autres activités de recherche. Ces subventions font l'objet de négociations avec des chercheurs individuels, des groupes et des institutions, afin d'assurer un développement plus équilibré du potentiel de recherche et de formation de chercheurs dans certaines régions, institutions, disciplines ou professions.

- *Les subventions de développement de la recherche* créent ou améliorent l'atmosphère de recherche dans certaines régions du pays et dans les petites universités où le besoin s'en fait sentir, où il est dans l'intérêt national de le faire et où les autres programmes du Conseil ne réussissent pas efficacement à accomplir cet objectif (ces subventions s'appelaient auparavant «Subventions de développement régional»).
- *Les subventions spéciales en foresterie* fournissent une aide spéciale à la recherche universitaire canadienne en foresterie.

General Research Support

Awards made under this category include grants to university presidents in support of local research, research infrastructure and research manpower initiatives and other research-related activities; NSERC also awards grants to support scientific conferences and publications, promotional activities, travel, international scientific exchanges and other miscellaneous activities.

- *Scientific Publication Grants* to help support the publication of scientific journals which publish original papers, monographs or books which include original research, and scientific publications of broad interest to researchers or the general public.
- *Conference Grants* to help support scientific conferences, symposia and meetings held in Canada and organized by Canadian associations and institutions.
- *General Promotion Grants* to support special activities related to the general promotion of science.
- *International Scientific Exchange Programs* to stimulate the exchange of scientists between Canada and Brazil, Bulgaria, Czechoslovakia, France and Japan.
- *International Collaborative Research Grants* to provide financial assistance to a small number of Canadian scientists engaging in collaborative research projects with scientists in other countries.
- *International Scientific Exchange Awards* to provide financial assistance to a small number of foreign scientists for visits to Canadian scientific institutions and research laboratories.

Activities Administered by NSERC on Behalf of Other Agencies

These activities include the NATO Science Fellowships, the CIDA/NSERC Research Associateships, the France/Canada Scientific Exchanges (on behalf of the Department of External Affairs), the Fellowships in Meteorology and Atmospheric Sciences (on behalf of Environment Canada) and the Visiting Fellowships in Canadian Government Laboratories (on behalf of all federal departments and agencies participating in the program).

Aide générale à la recherche

Cette activité comprend des subventions aux recteurs d'université pour soutenir des activités locales de recherche, la formation de chercheurs, l'infrastructure de la recherche et d'autres activités connexes; elle comprend également des subventions pour les conférences et publications scientifiques, les activités d'animation scientifique, les voyages, les échanges internationaux et autres activités diverses.

- *Les subventions à des publications scientifiques* viennent en aide à la publication de revues de recherche, de monographies ou de livres qui contiennent de la recherche originale et à des publications scientifiques de nature générale qui intéressent les chercheurs ou le grand public.
- *Les subventions pour conférences* apportent une contribution financière à la tenue de conférences, réunions et colloques scientifiques organisés par des institutions ou des organismes canadiens et se déroulant au Canada.
- *Les subventions pour activités spéciales* viennent en aide à certaines activités d'animation scientifique de sociétés à but non lucratif.
- *Les programmes internationaux d'échange de scientifiques* encouragent l'échange de scientifiques entre le Canada et le Brésil, la France, le Japon, la Tchécoslovaquie et la Bulgarie.
- *Les subventions de recherche coopérative internationale* viennent en aide à un nombre limité de scientifiques canadiens collaborant à des projets de recherche avec des scientifiques d'autres pays.
- *Les subventions d'échange scientifique international* viennent en aide à un nombre limité de scientifiques invités par des institutions et laboratoires de recherche canadiens.

Activités administrées par le CRSNG au nom d'autres organismes

Ces activités comprennent les bourses en sciences de l'OTAN, les postes d'attachés de recherche ACIDI/CRSNG, les échanges scientifiques entre la France et le Canada (au nom du ministère des Affaires extérieures), les bourses en météorologie et sciences atmosphériques (au nom d'Environnement Canada) et les bourses de recherche scientifique dans les laboratoires du gouvernement canadien (au nom de tous les ministères et organismes fédéraux participant à ce programme).

FINANCIAL STATEMENTS

ÉTATS FINANCIERS

TABLE I

**Details of Expenditures
by Planning Element: 1981-82**

TABLEAU I

**Détails des dépenses par élément
pour l'année 1981-1982**

PLANNING ELEMENT/ÉLÉMENT	Expenditures ¹ / Dépenses ¹
RESEARCH GRANTS/SUBVENTIONS DE RECHERCHE	\$
Individual Operating Grants/Subventions individuelles pour dépenses courantes	84,077,079
Group Operating Grants/Subventions à des groupes pour dépenses courantes	
Team Grants/Subventions d'équipe	2,587,595
Co-op Grants/Subventions coop	1,894,079
Project Grants/Subventions pour projets de recherche	4,140,000
Special Research Grants/Subventions spéciales de recherche	
University Research Fellows/Chercheurs-boursiers en milieu universitaire	1,912,114
E.W.R. Steacie Fellows/Boursiers E.W.R. Steacie	582,006
Strategic Grants/Subventions thématiques	21,564,649
PRAI Grants/Subventions PRAI	1,860,065
	118,617,587
RESEARCH MANPOWER AWARDS/BOURSES DE RECHERCHE	
University/Université	
Undergraduate Summer Awards/Bourses d'été de premier cycle	2,295,521
Postgraduate Scholarships/Bourses postgrade	15,209,708
Postgraduate Scholarships in Science Librarianship and Documentation/Bourses postgrade en bibliothéconomie et documentation scientifiques	79,287
Special Scholarships/Bourses spéciales	100,091
1967 Science Scholarships/Bourses en sciences 1967	1,069,806
Postdoctoral Fellowships/Bourses postdoctorales	2,079,701
Research Fellowships/Chercheurs-boursiers	3,673,350
E.W.R. Steacie Memorial Fellowships/Bourses commémoratives E.W.R. Steacie	425,308
Industry/Industrie	
Undergraduate Awards/Bourses de premier cycle	294,442
Postdoctoral Fellowships/Bourses postdoctorales	972,654
Research Fellowships/Chercheurs-boursiers	974,845
Senior Industrial Fellowships/Bourses de stages industriels	139,879
	27,314,592
RESEARCH INFRASTRUCTURE GRANTS/SUBVENTIONS D'INFRASTRUCTURE	
Equipment/Appareillage	
Equipment Grants/Subventions d'appareillage	17,318,582
Major Equipment Grants/Subventions d'appareils spéciaux	10,619,136
Major Installation Grants/Subventions pour installations spéciales	4,978,005
Operating and Maintenance/Fonctionnement et entretien	
Core Grants/Subventions d'infrastructure	4,930,762
Special Core Grants/Subventions spéciales d'infrastructure	1,257,840
	39,104,325
DEVELOPMENTAL GRANTS/SUBVENTIONS DE DÉVELOPPEMENT	
Research Development Grants/Développement de la recherche	2,087,648
Assistance to Small Universities/Aide aux petites universités	599,600
Forestry Research Grants/Subventions de recherche en foresterie	249,030
	2,936,278
GENERAL RESEARCH SUPPORT/AIDE GÉNÉRALE À LA RECHERCHE	
General Research Grants/Subventions générales de recherche	7,008,368
Scientific Publication Grants/Subventions à des publications scientifiques	541,950
Conference Grants/Subventions pour conférences	334,576
General Promotion and Miscellaneous Grants/Subventions à des activités spéciales et subventions diverses	492,676
International Programs/Programmes internationaux	366,814
Travel Grants/Subventions de voyage	226,364
	8,970,748
TOTAL PROGRAM/TOTAL DU PROGRAMME	196,943,530

¹Includes awards initiated in years prior to 1981-82./Comprend des subventions et bourses entrées en vigueur avant 1981-1982.

TABLE II

Research Grants: 1981-82

Number and Amount by Grant Selection Committee

TABLEAU II

Subventions de recherche en 1981-1982

Nombre et montant par comité de sélection

GRANT SELECTION COMMITTEE/ COMITÉ DE SÉLECTION	Individual Grants/ Subventions individuelles		Team Grants/ Subventions d'équipe		Co-op Grants/ Subventions coop		Core Grants/ Subventions d'infrastructure		Project Grants/ Subventions pour projets	
	\$		\$		\$		\$		\$	
Animal Biology/ Biologie animale	328	5,780,819	6	81,012	2	69,136				
Cell Biology & Genetics/ Biologie cellulaire et génétique ..	358	7,457,777	6	169,295	2	52,156	3	57,117		
Plant Biology/ Biologie végétale	223	4,240,915	3	33,700	2	34,000	2	34,600		
Population Biology/ Étude biologique des populations	319	5,331,541	1	13,200	7	318,268	1	17,600		
Psychology/ Psychologie	306	4,261,904	7	114,021			1	63,158		
Chemistry/ Chimie	518	11,560,983	12	230,015	7	147,000	1	30,000		
Physics/ Physique	405	6,994,106	5	335,147	1	11,000				
Nuclear Physics/ Physique nucléaire	44	1,161,650	5	581,000	5	166,000	9	3,788,000		
High Energy Physics/ Physique des hautes énergies ..	1	15,000			1	240,000			15	1,973,700
Intermediate Energy Physics/ Physique des énergies intermédiaires			1	34,150	1	65,000	2	102,450	46	2,166,300
Computing & Information Science/ Informatique	267	3,425,401	4	78,360			3	138,819		
Pure & Applied Mathematics/ Mathématiques pures et appliquées	530	3,718,091	1	3,722						
Statistical Sciences/ Statistiques	170	1,012,449					2	23,000		
Space & Astronomy/ Recherche spatiale et astronomie	125	2,223,586	2	77,200	8	338,000	8	368,094		
Chemical & Metallurgical Eng / Génies chimique et métallurgique	328	5,321,838	4	82,985	1	13,900				
Civil Engineering/ Génie civil	305	4,374,227	7	125,100	1	14,494	5	108,066		
Electrical Engineering/ Génie électrique	324	4,832,438	13	257,600						
Industrial Engineering/ Génie industriel	66	880,511	3	34,400						
Mechanical Engineering/ Génie mécanique	280	4,338,063	10	309,563	2	77,000	5	84,858		
Earth Sciences/ Sciences de la Terre	453	7,394,148	2	27,125	1	30,775	1	30,000		
Interdisciplinary/ Interdisciplinaire	22	333,639			7	203,350	1	85,000		
TOTALS/TOTAUX ¹	5,372	84,659,085	92	2,587,595	48	1,780,079	44	4,930,762	61	4,140,000

¹Includes 2,659 new grants and 2,958 instalments of grants awarded in 1979-80 and 1980-81. Also included are the Special Research Grants to E.W.R. Steacie Fellows./Comprend 2,659 nouvelles subventions et 2,958 versements de subventions accordées en 1979-1980 et en 1980-1981. Comprend également les subventions spéciales de recherche aux boursiers E.W.R. Steacie.

TABLE III

TABLEAU III

Equipment and Travel Grants
1981-82Subventions pour appareillage et
subventions de voyage 1981-1982Number and Amount by Grant Selection
Committee

Nombre et montant par comité de sélection

GRANT SELECTION COMMITTEE/ COMITÉ DE SÉLECTION	Equipment Grants/ Subventions d'appareillage	Major Equipment Grants/ Subventions pour appareils spéciaux	Travel Grants/ Subventions de voyage
	\$	\$	\$
Animal Biology/ Biologie animale	49 1,016,942	5 628,202	7 12,130
Cell Biology & Genetics/ Biologie cellulaire et génétique	63 1,446,786	6 730,145	13 7,300
Plant Biology/ Biologie végétale	33 742,090	2 266,337	6 7,542
Population Biology/ Étude biologique des populations	29 481,145		8 18,800
Psychology/ Psychologie	37 419,800		5 4,835
Chemistry/ Chimie	94 3,337,070	15 2,362,450	6 11,586
Physics/ Physique	59 1,908,350	6 776,186	11 11,630
Nuclear Physics/ Physique nucléaire	13 416,730	5 694,445	5 8,300
High Energy Physics/ Physique des hautes énergies			1 1,300
Intermediate Energy Physics/ Physique des énergies intermédiaires	1 18,000	1 198,000	2 2,700
Computing & Information Science/ Informatique	17 654,334	1 262,646	9 14,007
Pure & Applied Mathematics/ Mathématiques pures et appliquées	4 57,533		23 21,671
Statistical Sciences/ Statistiques			3 2,823
Space & Astronomy/ Recherche spatiale et astronomie	27 648,053	3 402,000	3 5,000
Chemical & Metallurgical Eng / Génies chimique et métallurgique	65 1,866,327	7 1,054,023	10 14,800
Civil Engineering/ Génie civil	32 828,769	4 398,700	5 5,700
Electrical Engineering/ Génie électrique	46 1,247,109	7 1,067,356	6 9,802
Industrial Engineering/ Génie industriel	5 146,531		3 3,778
Mechanical Engineering/ Génie mécanique	30 818,751	3 348,138	7 8,115
Earth Sciences/ Sciences de la Terre	38 1,088,405	6 1,143,807	8 12,700
Interdisciplinary/ Interdisciplinaire	5 175,857	2 286,701	
TOTALS/TOTAUX	647¹ 17,318,582	73² 10,619,136	141 184,519

¹Includes 293 grants, to a total of \$9,441,155, awarded in the February 1982 competition. / Comprend 293 subventions accordées au concours de février 1982 et totalisant \$9,441,155.

²Includes 20 grants, to a total of \$3,739,120, awarded in the February 1982 competition. / Comprend 20 subventions accordées au concours de février 1982 et totalisant \$3,739,120.

TABLE IV

TABLEAU IV

Strategic Grants: 1981-82

Subventions thématiques: 1981-1982

Number and Amount by Selection Panel

Nombre et montant par comité de sélection

SELECTION PANEL/ COMITÉ DE SÉLECTION	Individual Grants/ Subventions individuelles		Group Grants/ Subventions à des groupes		Equipment Grants/ Subventions d'appareillage		Total	
	\$		\$		\$		\$	
Energy/ Énergie.....	58	2,377,332	64	3,565,710	17	595,643	139	6,538,685
Environmental Toxicology/ Toxicologie de l'environnement.....	29	1,102,274	34	1,866,365	2	47,665	65	3,016,304
Oceans/ Océans.....	22	784,419	28	1,542,635	7	361,805	57	2,688,859
Communications/ Télécommunications.....	20	704,705	28	1,723,094	9	373,389	57	2,801,188
Food/Agriculture, Alimentation/Agriculture.....	41	1,214,111	49	2,491,287	7	303,563	97	4,008,961
Open/ Ouvert.....	6	372,027	20	1,628,147	6	510,478	32	2,510,652
TOTALS/TOTAUX	176	6,554,868	223	12,817,238	48	2,192,543	447¹	21,564,649

¹The total number of grants awarded includes 206 new grants and 241 instalments of grants awarded in 1979-80 and 1980-81. /Le nombre total de subventions accordées comprend 206 nouvelles subventions et des versements de 241 subventions accordées en 1979-1980 et en 1980-1981.

TABLE V

Scholarships and Fellowships: 1981-82

**UNDERGRADUATE LEVEL AWARDS/
BOURSES AU NIVEAU DU PREMIER CYCLE**

University Summer Research Awards/ <i>Bourses de recherche d'été en milieu universitaire</i>	981
Industrial Summer Research Awards/ <i>Bourses de recherche d'été en milieu industriel</i>	127

**POSTGRADUATE LEVEL AWARDS/
BOURSES AU NIVEAU POSTGRADE**

Scholarships: Regular ¹ / <i>Bourses: ordinaires</i> ¹	1,767
Scholarships: 1967 Science/ <i>Bourses en sciences 1967</i>	82
Special Scholarships: Forestry/ <i>Bourses spéciales: forester's</i>	9
Special Scholarships: Others/ <i>Bourses spéciales: autres</i>	3

**POSTDOCTORAL LEVEL AWARDS/
BOURSES AU NIVEAU POSTDOCTORAL**

Fellowships: University ² / <i>Bourses: universitaires</i> ²	153
Fellowships: Industrial ³ / <i>Bourses: industrielles</i> ³	25

**RESEARCH FELLOWSHIPS LEVEL/
NIVEAU DES CHERCHEURS-BOURSIERS**

Fellowships: University/ <i>Bourses: universitaires</i>	159
Fellowships: Industrial/ <i>Bourses: industrielles</i>	89

**SENIOR LEVEL AWARDS/
BOURSES DE NIVEAU SUPÉRIEUR**

Fellowships: E.W.R. Steacie ⁴ / <i>Bourses: E.W.R. Steacie</i> ⁴	12
Fellowships: Senior Industrial/ <i>Bourses de stages industriels</i>	9

¹Includes Science Librarianship and Documentation Scholarships. / *Comprend les bourses en bibliothéconomie et documentation scientifiques.*

²Replacement of the Industrial Postdoctoral Fellowship Program by the Industrial Research Fellowship Program began in 1980-81. / *Le remplacement du programme de bourses postdoctorales industrielles par le programme de chercheurs-boursiers en milieu industriel a commencé en 1980-1981.*

³Includes NATO Postdoctoral Fellowships. / *Comprend les bourses postdoctorales OTAN.*

⁴Includes 8 awards initiated in years prior to 1981-82. / *Comprend 8 bourses accordées avant 1981-1982.*

TABLEAU V

Bourses d'études et de recherche: 1981-1982

Numbers Held/
Nombre de bourses
détenues

TABLE VI

Other Programs of Grants and Scholarships Administered by NSERC on Behalf of Other Agencies and Departments 1981-82

TABLEAU VI

Autres programmes de subventions et bourses administrés par le CRSNG pour le compte d'autres organismes et ministères 1981-1982

	<u>Number of Awards/ Nombre de bourses</u>	<u>Expenditures/ Dépenses</u> \$
Environment Canada/ <i>Environnement Canada</i>		
Postgraduate Fellowships in Meteorology and Atmospheric Sciences/ <i>Bourses d'études supérieures en météorologie et sciences atmosphériques</i>	5	39,643
Canadian International Development Agency/ <i>Agence canadienne de développement international</i>		
CIDA/NSERC Research Associateships/ <i>Bourses d'attachés de recherche ACDI/CRSNG</i>	25	135,473
External Affairs Canada/ <i>Affaires extérieures Canada</i>		
France/Canada Cultural Exchange Agreement/ <i>Échanges scientifiques France/Canada</i>	14	27,318
North Atlantic Treaty Organization/ <i>Organisation du Traité de l'Atlantique Nord</i>		
Postdoctoral Fellowships/ <i>Bourses postdoctorales</i>	28	499,128
Visiting Fellowships/ <i>Bourses de recherche scientifique</i>		
Agriculture Canada/ <i>Agriculture Canada</i>	24	364,535
Atomic Energy of Canada Ltd./ <i>Énergie atomique du Canada Ltée</i>	6	116,439
Communications Canada/ <i>Communications Canada</i>	3	73,527
Energy, Mines and Resources Canada/ <i>Énergie, Mines et Ressources Canada</i>	23	385,259
Environment Canada/ <i>Environnement Canada</i>	16	249,476
Fisheries and Oceans Canada/ <i>Pêches et Océans Canada</i>	24	425,426
Health and Welfare Canada/ <i>Santé et Bien-être social Canada</i>	3	64,389
National Museums of Canada/ <i>Musées nationaux du Canada</i>	1	29,476
National Defence/ <i>Défense nationale</i>	4	82,266
National Research Council Canada/ <i>Conseil national de recherches Canada</i>	17	280,576
TOTAL	193	2,772,931

AWARDS 1981-82

SUBVENTIONS ET BOURSES 1981-1982

GRANT SELECTION COMMITTEE CODES/CODES DES COMITES DE SELECTION DES SUBVENTIONS

CODES

Animal Biology/Biologie animale.....	01
Cell Biology and Genetics/Biologie cellulaire et génétique.....	02
Plant Biology/Biologie végétale.....	03
Chemical and Metallurgical Engineering/Génies chimique et métallurgique.....	04
Chemistry/Chimie.....	05
Civil Engineering/Génie civil.....	06
Computing and Information Science/Informatique.....	07
Earth Sciences/Sciences de la terre.....	10
Electrical Engineering/Génie électrique.....	11
Psychology/Psychologie.....	12
Mechanical Engineering/Génie mécanique.....	13
Statistical Sciences/Statistiques.....	14
Physics/Physique.....	15
Pure and Applied Mathematics/Mathématiques pures et appliquées.....	16
Space and Astronomy/Recherche spatiale et astronomie.....	17
Population Biology/Etude biologique des populations.....	18
Industrial Engineering/Génie industriel.....	20
Interdisciplinary/Interdisciplinaire.....	21
Nuclear Physics/Physique nucléaire.....	22
High Energy Physics/Physique des hautes énergies.....	23
Intermediate Energy/Physique des énergies intermédiaires.....	27

STRATEGIC GRANT SELECTION PANEL CODES/CODES DES COMITES DE SELECTION DES
SUBVENTIONS THEMATIQUES

CODES

Energy/ Energie.....	35
Environmental Toxicology/ Toxicologie l'environnement.....	36
Oceans/ Océans.....	37
Communications/ Télécommunications.....	38
Food/Agriculture Alimentation/Agriculture.....	39
Open/ Ouvert.....	40

1. RESEARCH GRANTS

1. SUBVENTIONS DE RECHERCHE

N.B.: In this section, the column designating the type of grant has been left blank in the case of individual operating grants to university research fellows.

Dans cette section, le genre de subvention n'est pas indiqué dans le cas des subventions individuelles aux chercheurs-boursiers universitaires.

1.1 Operating Grants / Subventions pour dépenses courantes

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Abad, P.L. Prod./Manage. Sci. McMaster	Simultaneous planning of marketing-production policies when demand is seasonal	Individual	2,000	20
Abbott, H.L. Mathematics Alberta	Extremal problems in number theory and combinatorics 3yr - 2nd Inst.	Individual	11,000	16
Abdelhamid, A.N. Mech. & Aeronaut. Carleton	Control of rotating stall and surge in centrifugal compression systems 3yr - 1st Inst.	Individual	21,000	13
Abdelmessih, A.H. Mechanical Eng. Toronto	Two-phase flow and heat transfer 3yr - 2nd Inst.	Individual	17,050	13
Abdel-Sayed, G. Civil Engineering Windsor	Three-dimensional non-linear analysis for soil-steel structures 3yr - 1st Inst.	Individual	17,400	06
Abegg, R. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
Abegg, R. Physics Alberta	* Principal investigator J.M.Cameron(Alberta)	Project		27
Abegg, R. Physics Alberta	* Principal investigator G.Roy(Alberta)	Project		27
Abel, S.M. Otolaryngology Toronto	Acoustic signal processing in normal and hearing impaired listeners 3yr - 1st Inst.	Individual	15,000	12
AbouHaidar, M.G. Botany Toronto	Plant viruses: RNA-protein interactions 3yr - 3rd Inst.	Individual	12,078	02
Aboul-Atta, D. Electrical Eng. Manitoba	Analytical methods for studying electromagnetic transient in overhead power lines	Individual	8,000	11
Abraham, B. Statistics Waterloo	Time series analysis and the time interval between observations 3yr - 1st Inst.	Individual	5,250	14
Abraham, M. Chimie Montréal	Les solutions d'eau dans les sels fondus 3ans - 2ième vers.	Individuelle	7,700	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Abrahamson, E.W. Chemistry Guelph	The chemistry of photoreceptors 3yr - 1st Inst.	Individual	28,500	05
Abramson, H.D. Computer Science British Columbia	A denotational semantics processor for use in a translator writing system 3yr - 3rd Inst.	Individual	11,353	07
Abramson, M. Mathematics York	Enumeration problems in combinatorial mathematics 3yr - 1st Inst.	Individual	1,166	16
Abrham, J.V. Industrial Eng. Toronto	Nonlinear and continuous programming 3yr - 3rd Inst.	Individual	3,143	16
Achab, A. INRS-Pétrole Québec-INRS	Chitinozoaires de l'Ordovicien inférieur et moyen du Québec et de l'Est du Canada 3ans - 2ième vers.	Individuelle	10,450	10
Ackman, R.G. Fish. Res. & Tech. Tech Univ N.S.	Isolation and structural identification of artifact polyethylenic fatty acids in partially hydrogenated marine oils	Individual	11,000	05
Aczel, J.D. Pure Mathematics Waterloo	Functional equations and their applications, in particular to information theory and economics 3yr - 1st Inst.	Individual	19,441	16
Adam, J.A. Psychology Calgary	Gerontological research and measurement of change	Individual	2,500	12
Adamowski, K. Civil Engineering Ottawa	Stochastic modelling of the hydrologic cycle 3yr - 1st Inst.	Individual	14,000	10
Adams, B.G. Chemistry New Brunswick	A study of electron correlation in atomic and molecular systems 3yr - 2nd Inst.		11,000	15
Adams, B.J. Civil Engineering Toronto	Optimization of storm drainage design alternatives and frequencies 3yr - 2nd Inst.	Individual	11,550	06
Adams, K. Mechanical Eng. Waterloo	Mini/micro computer based CAD/CAM	Individual	15,500	13
Adams, R.A. Mathematics British Columbia	Properties of Sobolev spaces 3yr - 2nd Inst.	Individual	9,350	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee	
Nom Département Université	But de la subvention	Genre	Montant \$ Comité	
Adams, W.P. Geography Trent	Roles of lake ice and snow with particular reference to oxygen regime * with D.C.Lasenby(Trent) 3yr - 2nd Inst.	Group	13,200	18
Adamson, A.A. Pure Mathematics Waterloo	Investigations in infinitary logic 3yr - 3rd Inst.	Individual	1,047	16
Addicott, J.F. Zoology Alberta	Competition in patchy environments: aphids on fireweed 3yr - 3rd Inst.	Individual	10,870	18
Adler, E.L. Electrical Eng. McGill	Acoustic surface wave devices	Individual	13,500	11
Adler, J.G. Physics Alberta	Electron tunneling spectroscopy 3yr - 3rd Inst.	Individual	37,466	15
Adoul, J.P.A. Génie électrique Sherbrooke	Traitement de l'information parlée	Individuelle	12,400	11
Adrian, W.K. Optometry Waterloo	Spectral sensitivity of the eye, Stereoscopic colour TV	Individual	15,000	21
Afriat, S.N. Mathematics Ottawa	Combinatorics of demand, utility and cost	Individual	9,495	14
Agarwal, V.K. Electrical Eng. McGill	Fault diagnosis in digital systems	Individual	13,200	11
Aggarwala, B.D. Mathematics Calgary	Problems in continuum mechanics 3yr - 3rd Inst.	Individual	8,380	16
Aherne, F.X. Animal Science Alberta	A study of osteochondrosis and osteoarthritis in swine 3yr - 3rd Inst.	Individual	16,613	01
Ahituv, N. Man. Sc./Inf.Sys. British Columbia	* Principal investigator O.Berman(Calgary)	Group		20
Ahlborn, B. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 1st Inst.	Group		15
Ahmad, M. Mathématiques Qué-Montréal	Tests avec données additionnelles en analyse statistique multidimensionnelle 3ans - 3ième vers.	Individuelle	1,543	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ahmadi, M. Electrical Eng. Windsor	* Principal investigator M.Shridhar(Windsor)	Group		11
Ahmed, A. Genetics Alberta	Mechanism of DNA transposition in E. coli 3yr - 1st Inst.	Individual	28,000	02
Ahmed, N.U. Electrical Eng. Ottawa	1) Systems 2) Optimization 3yr - 3rd Inst.	Individual	20,654	11
Ahuja, H.N. Civil Engineering Memorial	Simulation model for construction project cost forecasting 3yr - 1st Inst.	Individual	9,000	06
Aitcin, P.C. Génie civil Sherbrooke	Possibilité d'utilisation des déchets industriels et naturels en génie (projet PUDDING). Propriétés des bétons à base de granulats bulles fabriqués à partir de résidus de mine d'amiante 3ans - 3ième vers.	Individuelle	16,122	06
Aitken, G.J.M. Electrical Eng. Queen's	Optical-digital signal processing	Individual	10,800	11
Ajersch, F. Metallurgical Eng. Ecole Polytech.	Gas-solid reactions in metallurgical systems 3yr - 1st Inst.	Individual	11,400	04
Akcoglu, M.A. Mathematics Toronto	Ergodic theory 3yr - 2nd Inst.	Individual	28,600	16
Akl, S.G. Comp. & Info. Sc. Queen's	Design and analysis of combinatorial algorithms	Individual	7,500	07
Akyel, C. Génie électrique Ecole Polytech.	Chauffage et mesures diélectriques aux micro-ondes dans la bande S 3ans - 2ième vers.		13,200	11
Alagar, V.S. Computer Science Concordia	Complexity of secure and reliable computations 3yr - 1st Inst.	Individual	12,500	07
Al-Aidroos, K. Sciences biolog. Qué-Montréal	La génétique de Metarhizium anisopliae (Metschnikoff) Sorokin, champignon entomogène 3ans - 2ième vers.	Individuelle	15,950	02
Alalouf, I.S. Mathématiques Qué-Montréal	Approche aux modèles linéaires par l'analyse multidimensionnelle	Individuelle	2,770	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Albert, D.J. Psychology British Columbia	Neural systems modulating aggressive behavior 3yr - 2nd Inst.	Individual	22,990	12
Albert, P.J. Biology Concordia	Chemosensory basis of host-plant selection by larvae of the eastern spruce budworm, Choristoneura fumiferana (Clem.) 3yr - 1st Inst.	Individual	14,650	01
Albright, L.J. Biolog. Sciences Simon Fraser	Ecology and physiology of marine microbes 3yr - 3rd Inst.	Individual	25,364	18
Alcock, C.B. Metal/Mat. Science Toronto	High temperature materials chemistry 3yr - 1st Inst.	Individual	35,000	04
Alden, R.T.H. Elec Eng/Comp Sci McMaster	Multi-machine power system dynamics 3yr - 2nd Inst.	Individual	11,880	11
Alden, T.H. Metallurgical Eng. British Columbia	The equations of plasticity 3yr - 2nd Inst.	Individual	11,000	04
Aldridge, K.D. Physics York	Laboratory studies in geophysical fluid dynamics 3yr - 1st Inst.	Individual	20,000	10
Alexander, H.C. Mechanical Eng. Tech Univ N.S.	Simulation of ocean structure response to random waves	Individual	10,500	13
Alexander, J.C. Nutrition Guelph	Biological and chemical studies of fats used for frying foods 3yr - 3rd Inst.	Individual	18,117	02
Alford, W.P. Physics Western Ontario	Reaction mechanism and nuclear spectroscopic studies using particle transfer reactions 3yr - 1st Inst.	Individual	17,950	22
Alfred, L.C.R. Physics Trent	Charge screening & charge interactions at metal surfaces & in bulk metallic systems 3yr - 2nd Inst.	Individual	1,100	15
Al-Hussaini, A. Mathematics Alberta	Martingale theory 3yr - 2nd Inst.	Individual	5,086	16
Ali, M.A. Biologie Montréal	La physiologie de la vision chez les poissons 3ans - 2ième vers.	Individuelle	41,800	01
Ali, M.M. Stat. & Actuar. Sc Western Ontario	Robustness of tests 3yr - 1st Inst.	Individual	3,560	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Alikhan, M.A. Biology Laurentian	Biochemical adaptations in animals to environmental stress 3yr - 2nd Inst.	Individual	11,000	01
Allaire, F.R. Mathematical Sci. Lakehead	Problems related to the Four Colour Theorem 3yr - 3rd Inst.	Individual	3,651	16
Allan, L.G. Psychology McMaster	Contingency in perception and judgment 3yr - 1st Inst.	Individual	17,500	12
Allard, F.A. Kinesiology Waterloo	Validation and applications of a motor skills taxonomy * with J.L.Starkes(McMaster) 3yr - 1st Inst.	Group	5,400	12
Allard, J. Physique/math Moncton	Opérations sur les fibrés vectoriels et sommes de modules (estimateur de régression généralisé) 3ans - 2ième vers.	Individuelle	1,822	16
Allaway, W.R. Mathematical Sci. Lakehead	Properties of eulerian polynomial sets compared to those of polynomial sets of binomial type 3yr - 2nd Inst.	Individual	2,670	16
Allegretto, W. Mathematics Alberta	Behaviour of the solutions and of the spectrum of differential operators 3yr - 1st Inst.	Individual	12,000	16
Allen, B.L. Civil Engineering McMaster	Traffic systems management and control	Individual	6,000	06
Allen, J.M. Geology Toronto	1) Experimental and field studies in metamorphic petrology 2) Mineralogy and petrology of Ca-Al-rich inclusions in the Allende meteorite	Individual	9,000	10
Allen, O.B. Animal/Poultry Sc. Guelph	Statistical aspects of the stochastic birth-and-death process 3yr - 2nd Inst.	Individual	1,175	14
Allison, B.N. Mathematics Alberta	Constructions of lie algebras from non-associative algebras 3yr - 3rd Inst.	Individual	4,348	16
Allnatt, A.R. Chemistry Western Ontario	1) Statistical mechanics 2) Thermal diffusion and electrical measurements in solids 3yr - 2nd Inst.	Individual	36,300	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Alloway, T.M. Psych. & Zoology Toronto	Behavioural analysis of slavery in the North American ants of the genera Leptothorax and Harpagoxenus 3yr - 1st Inst.	Individual	27,500	12
Alper, H. Chemistry Ottawa	Transition metal organometallic chemistry	Individual	50,000	05
Al-Salam, W.A. Mathematics Alberta	1) Orthogonal polynomials 2) Orthogonality preserving operators 3) Polynomial sets 4) Operational calculus 3yr - 3rd Inst.	Individual	14,312	16
Alspach, B.R. Mathematics Simon Fraser	An investigation of combinatorial problems 3yr - 2nd Inst.	Individual	13,564	16
Al Taweel, A.M. Chemical Eng. Tech Univ N.S.	Mass transfer between particles and turbulent flows 3yr - 3rd Inst.	Individual	11,161	04
Alvo, M. Mathematics Ottawa	Sequential estimation and allocation; non parametric classification measure of variation for ranks 3yr - 2nd Inst.	Individual	1,958	14
Alward, S.J. Chemistry Memorial	Organic synthesis 3yr - 3rd Inst.	Individual	11,000	05
Alyea, E.C. Chemistry Guelph	Synthesis and characterization of molybdenum compounds 3yr - 2nd Inst.	Individual	16,500	05
Amaria, P.J. Engineering Memorial	Productivity studies in fisheries 3yr - 2nd Inst.	Individual	22,660	20
Amiot, J. Vivres Laval	Plastéines de colza 3ans - 1er vers.	Individuelle	14,000	01
Amiot, P. Physique Laval	Mécaniques des espaces courbes et quantification. Application en relativité et au mouvement collectif des systèmes à N corps	Individuelle	3,500	15
Amit, Z. Psychology Concordia	Systematic investigation of the mechanisms underlying the positively reinforcing and CTA inducing properties of drugs 3yr - 1st Inst.	Individual	15,000	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Amram, M. Génie physique Ecole Polytech.	Ecran acoustique ajouré pour réfracter les sons de basses fréquences et les atténuer par effets de phase	Individuelle	9,000	13
Anctil, M. Sciences biolog. Montréal	Physiologie comparée de la bioluminescence chez les animaux marins 3ans - 1er vers.	Individuelle	15,180	01
Andersen, K.F. Mathematics Alberta	Weighted inequalities for integral operators 3yr - 1st Inst.	Individual	4,666	16
Andersen, R.J. Chemistry British Columbia	Natural products chemistry of British Columbia marine organisms	Individual	14,500	05
Anderson, A. Physics Waterloo	Studies of intermolecular forces by spectroscopic techniques 3yr - 1st Inst.	Individual	26,174	15
Anderson, C.T. Mathematics British Columbia	Radicals and representations of algebras 3yr - 2nd Inst.	Individual	3,815	16
Anderson, D.L. Civil Engineering British Columbia	1) Seismic analysis techniques for new and existing structures 2) Testing of masonry walls for seismic load resistance 3yr - 3rd Inst.	Individual	10,870	06
Anderson, E.G. Surveying Eng Calgary	* Principal investigator E.J.Krakiwsky(Calgary)	Group		06
Anderson, G.M. Geology Toronto	Metasomatic and ore-forming solutions 3yr - 3rd Inst.	Individual	29,591	10
Anderson, H.J. Chemistry Memorial	Synthesis & reactions of 5-membered heteroaromatic compounds * with C.E.Loader(Memorial) 3yr - 3rd Inst.	Group	8,938	05
Anderson, J.B. Botany Toronto	Diploidy and intersterility in the phytopathogenic fungus, Armillaria mellea 3yr - 1st Inst.	Individual	16,000	03
Anderson, K.O. Civil Engineering Alberta	Recycling of asphalt pavements	Individual	6,000	06
Anderson, M.M. Biology Memorial	Contributions to palaeontology and stratigraphy, mainly Newfoundland 3yr - 3rd Inst.	Individual	6,885	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Anderson, P.D. Biology Concordia	Multiple pollutant stressors in the aquatic environment 3yr - 2nd Inst.	Individual	8,800	18
Anderson, R.B. Chemical Eng. McMaster	Catalysis and adsorption 3yr - 2nd Inst.	Individual	32,450	04
Anderson, R.C. Zoology Guelph	Parasites of wild animals and the diseases they cause with special reference to nematodes 3yr - 3rd Inst.	Individual	40,413	01
Anderson, R.S. Biology Concordia	Production and population dynamics of small lake crustaceans	Individual	1,251	18
Anderson, W.A. Biology Laval	Induction of prophage (lambda) by antineoplastic agents and carcinogens 3yr - 1st Inst.	Individual	4,600	02
Anderson, W.J. Mathematics McGill	Applications of probability to physics, chemistry and engineering 3yr - 1st Inst.	Individual	4,800	14
Andrews, D.F. Statistics Toronto	Practical statistical procedures 3yr - 1st Inst.	Individual	16,830	14
Andrews, D.G. Chemical Eng. Toronto	Nuclear engineering research 3yr - 3rd Inst.	Individual	20,533	04
Andrews, G.C. Mechanical Eng. Waterloo	Vector-network modelling technique for simulation of dynamic mechanical systems 3yr - 3rd Inst.	Individual	12,078	13
Aneja, Y.P. School of Admin. New Brunswick	* Principal investigator K.P.K.Nair(N.B.) 3yr - 2nd Inst.	Group		07
Anger, C.D. Physics Calgary	Satellite, rocket, and ground-based studies of auroral phenomena 3yr - 1st Inst.	Individual	65,000	17
Anger, C.D. Physics Calgary	Science team activities in support of a UV imager experiment for the viking satellite * with L.L.Cogger, D.Venkatesan, J.W.Haslett(Calgary), G.G.Shepherd, J.C.McConnell(York), D.J.McEwen, E.J.Llewellyn(Sask.), G.Rostoker(Alberta)	Co-op	70,000	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Anger, C.D. Physics Calgary	* Principal investigator G.G.Shepherd(York)	Co-op		17
Angers, R.H. Mines & métallurgie Laval	Développement de nouveaux matériaux par métallurgie des poudres 3ans - 1er vers.	Individuelle	21,400	04
Anisman, H. Psychology Carleton	Stress, behavioral deficits and neurochemical change 3yr - 2nd Inst.	Individual	29,040	12
Ankney, C.D. Zoology Western Ontario	Ecological energetics and feeding ecology of birds 3yr - 3rd Inst.	Individual	14,494	18
Ansaldo, E.J. Physics Saskatchewan	Electron Scattering and Radiation Effects	Individual	19,000	22
Anstis, S.M. Psychology York	Visual perception of moving and changing stimuli 3yr - 3rd Inst.	Individual	24,156	12
Antippa, A.F. Physique Qué.-Trois-Riv	Potentiels des confinements des quarks 3ans - 1er vers.	Individuelle	6,870	15
Antonelli, P.L. Mathematics Alberta	Applications of differential geometry and algebraic topology to biology and physics 3yr - 2nd Inst.	Individual	13,564	16
Antoniou, A. Electrical Eng. Concordia	Analysis and design of digital filters 3yr - 1st Inst.	Individual	19,000	11
Antoun, H. Sols Laval	Métabolisme du carbone en relation avec l'activité de la nitrogénase chez Rhizobium meliloti 3ans - 1er vers.	Individuelle	9,000	02
Antoun, H. Chimie Qué-Montréal	* Chercheur principal G.A.Capuano(Qué.-Mont.) 3ans - 1er vers.	Groupe		04
Aplevich, J.D. Electrical Eng. Waterloo	Computer-aided control system design 3yr - 2nd Inst.	Individual	11,000	11
ApSimon, J.W. Chemistry Carleton	The chemistry of natural products 3yr - 3rd Inst.	Individual	33,336	05
Arai, H.P. Biology Calgary	Biology of host-parasite associations 3yr - 1st Inst.	Individual	13,000	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Arai, M.N. Biology Calgary	Studies on the biology of coelenterates 3yr - 2nd Inst.	Individual	10,560	01
Archer, N.P. Prod./Manage. Sci. McMaster	Computer systems capacity planning/stochastic systems modelling 3yr - 1st Inst.	Individual	11,000	20
Argyropoulos, S. Mining/Metal. Eng. McGill	Automatic control of liquid steel, chemistry and quality 3yr - 1st Inst.		10,000	04
Ariaratnam, S.T. Civil Engineering Waterloo	Dynamic stability of structures 3yr - 3rd Inst.	Individual	24,156	06
Arjomandi, E. Computer Science York	Design and analysis of algorithms, parallel computations	Individual	8,000	07
Armbrust, G.A. Geology Ottawa	Genesis of hydrothermal Cu-Au and Ag deposits associated with felsic intrusions	Individual	8,000	10
Arminjon, P. Math/statistique Montréal	Analyse numérique de problèmes aux dérivées partielles en mécanique des fluides et en météorologie 3ans - 1er vers.	Individuelle	5,666	16
Armstrong, D.A. Chemistry Calgary	Ionic and free radical reactions in irradiated systems 3yr - 2nd Inst.	Individual	39,600	05
Armstrong, J.B. Biology Ottawa	Genetic analysis of vertebrate development 3yr - 2nd Inst.	Individual	20,900	02
Armstrong, R.L. Physics Toronto	Structural phase transitions. Magnetic resonance in molecular gases 3yr - 3rd Inst.	Individual	44,447	15
Armstrong, R.L. Geological Sciences British Columbia	Geochronometry of Cordilleran rocks and isotope studies of crustal evolution 3yr - 1st Inst.	Individual	50,000	10
Armstrong, W.W. Infor. & rech opér. Montréal	Application of an image processing system to problems of remote sensing. Advances in database theory 3ans - 3ième vers.	Individuelle	19,204	07
Arnason, A.N. Computer Science Manitoba	An on-line interactive simulation system for modelling fish production in a controlled environment facility	Individual	7,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Annason, J.T. Biology Ottawa	Biological activity of polyacetylenes 3yr - 2nd Inst.	Individual	11,880	03
Arnold, D.R. Chemistry Dalhousie	1) Radical ions in photochemistry; 2) Merostabilization of radicals, diradicals and triplet excited states; 3) Photochemical and thermal reactions of tetraarylcyclopropanes 3yr - 2nd Inst.	Individual	38,500	05
Aronoff, S. Chemistry Simon Fraser	Plastid pigments: biogenesis of chlorophyll b	Individual	16,000	03
Arora, S.K. Elec. & Comp. Eng. McMaster	Well connected relations in databases	Individual	8,000	07
Arp, P.A. Forest Resources New Brunswick	Organo-metal-phosphate chemistry in forest soils 3yr - 1st Inst.	Individual	8,000	03
Arrott, A.S. Physics Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser)	Project		27
Arrott, A.S. Physics Simon Fraser	IEP-59 - Probing condensed matter	Project	25,000	27
Arrott, A.S. Physics Simon Fraser	Studies of cooperative phenomena: magnetism in metals; order in liquids 3yr - 2nd Inst.	Individual	53,900	15
Arsenault, H.H. Physique Laval	Optical and digital image processing, speckle and holography	Individuelle	15,580	15
Arthur, J.G. Mathematics Toronto	Automorphic representations and the trace formula 3yr - 2nd Inst.	Individual	25,300	16
Ascher, U.M. Computer Science British Columbia	Interactive numerical solutions to differential equations and approximation problems 3yr - 1st Inst.	Individual	13,000	07
Ashcroft, E.A. Computer Science Waterloo	Development of Lucid 3yr - 3rd Inst.	Individual	22,586	07
Ashford, R. Crop Science Saskatchewan	Factors affecting efficacy of glyphosate	Individual	6,600	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ashtakala, S. Biolog. Sciences Concordia	Possible mode of action of amitrole as cytokinin antagonist	Individual	4,000	03
Ashton, N.W. Biology Regina	The mechanism of auxin action in the moss, physcomitrella patens	Individual	9,000	03
Ashwood-Smith, M.J. Biology Victoria	Environmental mutagenesis in bacteria, yeasts and mammalian cells 3yr - 1st Inst.	Individual	31,000	02
Aspinall, G.O. Chemistry York	Complex carbohydrates 3yr - 1st Inst.	Individual	29,000	05
Asselin, A. Phytologie Laval	Etude de la virulence chez TMV 3ans - 3ième vers.	Individuelle	12,078	02
Aston, W.P. Micro/Immunology Queen's	Structural and functional studies on the components of the bovine complement system and invertebrate complement-like systems 3yr - 1st Inst.	Individual	15,000	02
Atherton, D.L. Physics Queen's	Magnetics, superconductivity and linear electric machines 3yr - 2nd Inst.	Individual	24,750	11
Atkinson, B.G. Zoology Western Ontario	Intracellular regulatory mechanisms for thyroid hormone- induced control of protein synthesis in tadpole limb and tail muscle 3yr - 3rd Inst.	Individual	19,325	02
Atkinson, F.V. Mathematics Toronto	Asymptotic theory of ordinary differential equations, orthogonal polynomials 3yr - 1st Inst.	Individual	10,500	16
Atwal, D.S. Biomed Sciences Guelph	Toxipathology of O3 in the parathyroid gland 3yr - 3rd Inst.	Individual	7,005	01
Atwater, J.W. Civil Engineering British Columbia	Disposal of pentachlorophenol in simulated Hog Fuel and domestic refuse landfills 3yr - 2nd Inst.	Individual	9,350	06
Atwood, H.L. Zoology Toronto	Synaptic physiology and ultrastructure: Role in arthropod nervous systems 3yr - 3rd Inst.	Individual	54,351	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Atwood, J.W. Computer Science Concordia	Computer system structures	Individual	6,600	07
Aubin, M.J. Physique Sherbrooke	Structure de bande des semiconducteurs composés 3ans - 1er vers.	Individuelle	13,740	15
Aubke, F. Chemistry British Columbia	The preparation and characterisation of inorganic and organometallic halogen compounds of main group and transitional element 3yr - 2nd Inst.	Individual	21,450	05
Auclair, J.C. INRS - Eau Québec-INRS	Short term adaptation of phytoplankton to environmental fluctuations 3yr - 2nd Inst.	Individual	16,500	18
Auclair, J.L. Sciences biolog. Montréal	Nutrition et métabolisme chez les Aphides et autres suceurs- phytophages 3ans - 3ième vers.	Individuelle	33,112	01
Aue, W.A. Chemistry Dalhousie	Organic trace analysis	Individual	38,000	05
Auer, J.W. Mathematics Brock	Fiber integral modelling of relativistic photon gases 3yr - 2nd Inst.	Individual	550	16
Auld, E.G. Physics British Columbia	IEP-74 - Pion production by proton bombardment of nuclei * with G.Jones(B.C.), W.R.Falk(Manitoba)	Project	14,000	27
Auld, E.G. Physics British Columbia	* Principal investigator G.Jones(B.C.)	Project		27
Auld, E.G. Physics British Columbia	* Principal investigator B.L.White(B.C.)	Project		27
Auman, J.R. Geophys./Astron. British Columbia	Astronomical instrumentation: Atmospheres of late-type stars; Photometry of galaxies; Binary galaxies	Individual	3,000	17
Auman, J.R. Geophys./Astron. British Columbia	* Principal investigator G.A.H.Walker(B.C.) 3yr - 1st Inst.	Co-op		17
Aupetit, B.H. Mathématiques Laval	Travaux sur les algèbres de Banach et les algèbres de fonctions 3ans - 3ième vers.	Individuelle	6,284	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Aust, K.T. Metal/Mat. Science Toronto	Interfacial properties and effects in metallic materials 3yr - 2nd Inst.	Individual	30,250	04
Austin, G.L. Physics McGill	Radar and satellite meteorology 3yr - 2nd Inst.	Individual	29,700	17
Avis, D.M. Computer Science McGill	Combinatorial and geometric algorithms	Individual	10,500	07
Axelrad, D.R. Mechanical Eng. McGill	Bonding behaviour & fracture mechanics of polymer-metal bonds 3yr - 2nd Inst.	Individual	30,250	13
Axen, D.A. Physics British Columbia	IEP-25 - The Nucleon-nucleon Interaction * with G.A.Ludgate(B.C.), L.P.Robertson(Victoria)	Project	58,000	27
Axen, D.A. Physics British Columbia	* Principal investigator B.L.White(B.C.)	Project		27
Axen, D.A. Physics British Columbia	* Principal investigator G.Jones(B.C.)	Project		27
Ayer, W.A. Chemistry Alberta	Structural and synthetic studies in natural products 3yr - 1st Inst.	Individual	50,000	05
Ayres, L.D. Earth Sciences Manitoba	Physical volcanology, stratigraphy, and geochemistry of Precambrian and Early Paleozoic volcanoes 3yr - 1st Inst.	Individual	17,000	10
Azad, R.S. Mechanical Eng. Manitoba	The structure of turbulent shear flow 3yr - 1st Inst.	Individual	21,000	13
Aziz, K. Chemical Eng. Calgary	1) Petroleum reservoir simulation 2) Multiphase pipe flow 3) Transient pipe flow 3yr - 1st Inst.	Individual	24,400	04
Aziz, R.A. Physics Waterloo	Properties of substances at low temperatures 3yr - 2nd Inst.	Individual	23,540	15
Azuma, R.E. Physics Toronto	Nuclear structure and nuclear astrophysics. The weak interaction via delayed particle emission and precision mass measurements. Nuclei far from stability 3yr - 1st Inst.	Individual	36,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Azuma, R.E. Physics Toronto	* Principal investigator G.T.Ewan(Queen's)	Co-op		22
Baadsgaard, H. Geology Alberta	Isotope geology of polymetamorphic rocks, salt beds and uranium deposits 3yr - 3rd Inst.	Individual	27,176	10
Baass, K.G. Génie civil Ecole Polytech.	Etude du découpage de zones appliquées aux modèles de planification des transports 3ans - 2ième vers.	Individuelle	9,350	06
Bach, G.G. Mechanical Eng. McGill	Mathematical physics of fluids 3yr - 2nd Inst.	Individual	15,950	13
Bacharach, V.R. Psychology Acadia	Ocularmotor activity and mental imagery 3yr - 1st Inst.	Individual	5,000	12
Bachinski, D.J. Geology New Brunswick	Field and laboratory studies in economic geology	Individual	10,000	10
Back, M.H. Chemistry Ottawa	Elementary processes in the thermal reactions of hydrocarbons including formation and reactivity of carbon 3yr - 2nd Inst.	Individual	16,500	05
Back, T.G. Chemistry Calgary	"Transformations of synthetic utility involving organoselenium compounds" 3yr - 3rd Inst.	Individual	11,000	05
Bacon, D.W. Chemical Eng. Queen's	Statistical methodology in chemical engineering 3yr - 2nd Inst.	Individual	15,400	04
Bacopoulos, A. Comp. & Info. Sc. Montréal	Development of new and improved algorithms for optimal control	Individual	15,000	07
Baddour, R.E. Civil Engineering Western Ontario	Stratified underflows and overflows 3yr - 2nd Inst.	Individual	9,350	06
Bader, R.F.W. Chemistry McMaster	Prediction and interpretation of chemistry in terms of the electronic charge and spin density distributions 3yr - 2nd Inst.	Individual	41,800	05
Baecker, R.M. Computer Science Toronto	Dynamic interactive graphics	Individual	29,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Baer, H.H. Chemistry Ottawa	Organic synthesis and mechanisms, especially in carbohydrates 3yr - 3rd Inst.	Individual	32,128	05
Baikie, L.D. Civil Engineering Tech Univ N.S.	Behaviour of buried flexible structures 3yr - 1st Inst.	Individual	10,000	06
Bailey, R.C. Physics/Geology Toronto	Geomagnetic sounding of the crust and upper mantle/Uranium exploration 3yr - 2nd Inst.	Individual	12,650	10
Baillie, P.P.M. C.R.E.S.S. York	1) Electron diffusion parameters in plasmas 2) Theoretical positron-atom scattering	Individual	1,200	15
Baillie, D.L. Biolog. Sciences Simon Fraser	Genetic organization in a higher organism 3yr - 3rd Inst.	Individual	27,779	02
Bailon, J.P.B. Génie métall. Ecole Polytech.	Propriétés en fatigue des métaux. Applications de la spectroscopie des électrons Auger 3ans - 2ième vers.	Individuelle	15,400	04
Baines, W.D. Mechanical Eng. Toronto	Diffusion of momentum and energy in turbulent shear flows 3yr - 3rd Inst.	Individual	33,215	13
Baird, M.C. Chemistry Queen's	Organometallic chemistry of the transition elements 3yr - 1st Inst.	Individual	30,000	05
Baird, M.H.I. Chemical Eng. McMaster	Mixing and mass transfer studies 3yr - 2nd Inst.	Individual	20,900	04
Baird, N.C. Chemistry Western Ontario	Theoretical chemistry calculations of reactive free radicals 3yr - 1st Inst.	Individual	18,500	05
Baker, A.G. Psychology McGill	Correlation learning: associations or cognitions 3yr - 2nd Inst.	Individual	11,660	12
Baker, A.J. Zoology Toronto	Evolutionary studies of selected vertebrate populations 3yr - 3rd Inst.	Individual	9,662	18
Baker, C.A. Math/Comp Science Mount Allison	Order and topology in Klingenberg planes	Individual	1,000	16
Baker, J.A. Pure Mathematics Waterloo	Functional equations and analysis 3yr - 1st Inst.	Individual	3,499	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Baker, M.R. Zoology Guelph	The parasitic diseases of the lower vertebrates 3yr - 1st Inst.		10,000	01
Baker, R.J. Crop Science Saskatchewan	Heritability of morphological and developmental characteristics in spring wheat 3yr - 3rd Inst.	Individual	18,117	03
Bakhshi, N.N. Chem & Chem Eng. Saskatchewan	Hydrogenation of synthesis gas to methane using a variety of supported catalysts (methane: production from H ₂ CO mixtures by catalytic processes) 3yr - 2nd Inst.	Individual	11,000	04
Bakker, J.J. Civil Engineering Alberta	The measuring of transportation performance using census- worktrip surveys and address coordinates	Individual	4,000	06
Bakos, G.A. Physics Waterloo	Spectrographic and photometric studies of binary stars 3yr - 1st Inst.	Individual	4,000	17
Bal, A.K. Biology Memorial	Cell Biology of symbiotic nitrogen fixation	Individual	22,000	02
Balahura, R.J. Chemistry Guelph	Inorganic reaction mechanisms 3yr - 2nd Inst.	Individual	22,000	05
Balasubramanian, R. Electrical Eng. New Brunswick	Analysis and design of nonlinear multivariable systems 3yr - 1st Inst.	Individual	10,400	11
Balatinecz, J.J. Fac For Land Arch Toronto	Development and evaluation of methods to improve the properties of waferboard 3yr - 3rd Inst.	Individual	9,662	06
Baldur, R. Génie mécanique Ecole Polytech.	* Chercheur principal A.Bazergui(Ecole Poly.) 3ans - 3ième vers.	Groupe		13
Bale, C.W. Génie metall. Ecole Polytech.	Thermodynamics of high temperature multicomponent systems 3ans - 1er vers.	Individuelle	13,400	04
Balfour, W.J. Chemistry Victoria	Electronic spectroscopy of small molecules 3yr - 1st Inst.	Individual	16,000	05
Baliga, B.R. Mechanical Eng. McGill	Numerical and experimental prediction of practical fluid flow and heat transfer phenomena 3yr - 1st Inst.	Individual	10,500	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ball, G.E. Entomology Alberta	Studies in insect taxonomy 3yr - 3rd Inst.	Individual	30,195	18
Ball, P.W. Botany Toronto	1) Taxonomy and distribution of Carex in Eastern Canada 2) Studies in the flora of Eastern Canada 3yr - 3rd Inst.	Individual	6,039	18
Ballance, G.M. Plant Science Manitoba	The structure and role of cell wall polysaccharides in cereals 3yr - 3rd Inst.	Individual	12,078	03
Ballantyne, D.J. Biology Victoria	The inhibition of plant metabolism by fluoride and sulfite 3yr - 1st Inst.	Individual	5,000	03
Ballard, T.M. Soil Science British Columbia	Resistance to water uptake by conifer seedlings 3yr - 3rd Inst.	Individual	6,039	03
Ballentine, L.E. Physics Simon Fraser	Electronic properties of liquid metals 3yr - 2nd Inst.	Individual	15,235	15
Ballik, E.A. Eng. Physics McMaster	Investigations and applications of lasers 3yr - 2nd Inst.	Individual	22,000	11
Ballivy, G. Génie civil Sherbrooke	Comportement des coulis d'étanchéité et de scellement dans le roc: ancrages, pieux, barrages 3ans - 1er vers.	Individuelle	14,500	10
Balmain, K.G. Electrical Eng. Toronto	Antenna systems and electrodynamics 3yr - 2nd Inst.	Individual	23,540	11
Balon, E.K. Zoology Guelph	Styles of ontogeny in fishes: determinants of community structures, productions and phylogenies	Individual	23,000	18
Balzarini, D.A. Physics British Columbia	Optical studies of phase transitions in pure fluids, binary fluids and liquid crystals and of blood flow in retinal vessels	Individual	14,980	15
Banaschewski, B. Mathematical Sci. McMaster	1) Functional analysis in sheaves; 2) Sigma-frames; 3) Categorical aspects of algebra 3yr - 1st Inst.	Individual	23,331	16
Bancroft, G.M. Chemistry Western Ontario	Photoelectron and Mössbauer studies in inorganic chemistry and geochemistry 3yr - 3rd Inst.	Individual	45,654	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bancroft, J.B. Plant Science Western Ontario	Virus structure and assembly 3yr - 2nd Inst.	Individual	37,400	02
Bandler, J.W. Elec. & Comp. Eng. McMaster	Efficient simulation and optimization of electronic circuits and power systems	Individual	36,200	11
Bandoni, R.J. Botany British Columbia	Studies in the biology of lower basidiomycetes and fungi St. 3yr - 2nd Inst.	Individual	23,650	03
Bandrauk, A.D. Chimie Sherbrooke	Theory of predissociation and multiphoton processes in molecules	Individuelle	19,000	05
Banerjee, P.K. Math/Statistics New Brunswick	On sequential estimation 3yr - 1st Inst.	Individual	1,690	14
Banerjee, R.L. Physique/math Moncton	Structures et propriétés physiques des solides 2ans - 1er vers.	Individuelle	3,000	15
Banerjee, S. Eng. Physics McMaster	Transport processes in nuclear engineering 3yr - 2nd Inst.	Individual	26,950	04
Banister, E.W. Kinesiology Simon Fraser	Convulsive behaviour in rats: Role of ammonia and catecholamine after lithium treatment 3yr - 3rd Inst.	Individual	19,403	01
Banks, R.K. Psychology Waterloo	Persistence to punishment and acquired punishment effectiveness 3yr - 3rd Inst.	Individual	8,334	12
Banville, M. Physique Sherbrooke	Plasmons et propriétés optiques des systèmes stratifiés et intercalation dans les dicalcogénures	Individuelle	5,000	15
Barber, H.D. Eng. Physics McMaster	Silicon semiconductor devices and circuits	Individual	1,500	11
Barber, R.C. Physics Manitoba	Mass spectroscopy	Individual	32,000	22
Barber, V.C. Biology Memorial	Scanning electron microscopical microdissection and other studies of the skate inner ear	Individual	4,500	01
Barclay, D.W. Mathematics New Brunswick	Wave propagation 3yr - 3rd Inst.	Individual	2,350	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Barclay, J.K. Biomed Sciences Guelph	Factors and mechanisms limiting muscle performance 3yr - 3rd Inst.	Individual	11,891	01
Barclay, L.R.C. Chemistry Mount Allison	The chemistry of aromatic compounds 3yr - 3rd Inst.	Individual	28,504	05
Bard, C. Education physique Laval	L'étude des mécanismes perceptuels, moteurs et de contrôle sous-tendant la coordination visuo-manuelle d'interception d'un stimulus en mouvement 3ans - 1er vers.	Individuelle	6,000	12
Barham, D. Chemical Eng. Toronto	Phase equilibrium and corrosion studies related to kraft pulp mill recovery furnace operation 3yr - 1st Inst.	Individual	8,900	04
Baril, M. Physique Laval	Application de l'optique corpusculaire à l'amélioration des techniques de spectrométrie de masse 3ans - 2ième vers.	Individuelle	17,974	15
Barker, J.F. Earth Sciences Waterloo	Aspects of organic and bio- geochemistry in the groundwater environment	Individual	9,000	10
Barker, W.G. Botany & Genetics Guelph	Growth and development of plants and plant organs 3yr - 1st Inst.	Individual	4,000	03
Barlow, C.A. Biology Carleton	Effects of insect herbivores on plant growth and productivity and energetics of plant-parasite- predator systems 3yr - 2nd Inst.	Individual	17,600	18
Barlow, J.C. Zoology Toronto	Evolutionary implications of quantitative studies of bird behaviour and morphology 3yr - 2nd Inst.	Individual	11,000	18
Barnard, A.J. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 1st Inst.	Group		15
Barnard, D.T. Comp. & Info. Sc. Queen's	Languages and translators for correct small systems	Individual	9,000	07
Barnes, C.R. Earth Sciences Memorial	Lower Paleozoic conodont biostratigraphy, paleoecology and ultrastructure 3yr - 3rd Inst.	Individual	39,338	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Barnes, W.C. Geological Sciences British Columbia	Sedimentology and organic geochemistry of lacustrine and shallow marine sediments of southwestern British Columbia	Individual	7,500	10
Baron, G.P.J. Sciences biolog. Montréal	Organisation morpho-fonctionnelle de l'encéphale et adaptations éco-éthologiques chez les mammifères 3ans - 1er vers.	Individuelle	7,000	01
Barr, D.W. Zoology Toronto	1) Mechanisms of aquatic adaptations in mites. 2) Macro-locomotory patterns 3yr - 1st Inst.	Individual	12,100	01
Barr, M. Mathematics McGill	Duality and topos theory 3yr - 2nd Inst.	Individual	25,431	16
Barr, S.M. Geology Acadia	Petrology, petrogenesis, and economic potential of igneous rocks from southern Nova Scotia, Cape Breton Island and Thailand 3yr - 1st Inst.	Individual	14,000	10
Barradas, R.G. Chemistry Carleton	Electrochemistry and electrochemical technology 3yr - 3rd Inst.	Individual	27,297	05
Barresi, J. Psychology Dalhousie	Processing perceptual structure 3yr - 1st Inst.	Individual	6,000	12
Barrett, F.M. Zoology Toronto	Physiology and biochemistry of insect growth and metamorphosis 3yr - 1st Inst.	Individual	12,500	01
Barrett, S.C.H. Botany Toronto	The ecological genetics and evolution of breeding systems in the Pontederiaceae 3yr - 1st Inst.	Individual	20,000	18
Barrett, T.J. Geology Toronto	Stratigraphy and geochemistry of Fe-Rich sedimentary deposits 3yr - 1st Inst.		11,500	10
Barrette, C. Biologie Laval	Ecologie comportementale du caribou du parc des Laurentides	Individuelle	7,000	18
Barrie, R. Physics British Columbia	Theoretical topics in solid state physics - optical properties of semiconductors 3yr - 1st Inst.	Individual	11,960	15
Barrodale, I. Computer Science Victoria	Approximation algorithms 3yr - 1st Inst.	Individual	20,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Barron, G.L. Environ. Biology Guelph	The biology of soil fungi 3yr - 3rd Inst.	Individual	26,572	03
Barron, R.M. Mathematics Windsor	1) Dusty gas aerodynamics 2) Magneto-fluid-dynamic flows 3yr - 2nd Inst.	Individual	2,967	16
Barron, R.W. Psychology Guelph	Functions and mechanisms of visual and phonological information in reading and spelling 3yr - 1st Inst.	Individual	9,100	12
Bartels, R.H. Computer Science Waterloo	Constrained data fitting - numerical techniques 3yr - 1st Inst.	Individual	18,000	07
Barton, R. Physics/Astronomy Regina	* Principal investigator B.E. Robertson (Regina) 3yr - 1st Inst.	Group		05
Barton, T.H. Electrical Eng. Calgary	Power electronics and electric machine dynamics 3yr - 2nd Inst.	Individual	17,600	11
Basco, N. Chemistry British Columbia	Free radical reactions studied by flash photolysis & kinetic spectroscopy	Individual	8,000	05
Base, T.E. Mechanical Eng. Western Ontario	Analytical and experimental studies on forced convective heat transfer 3yr - 2nd Inst.	Individual	8,800	13
Basinger, J.F. Botany Saskatchewan	Cretaceous and early Tertiary flowering plants from Western Canada 3yr - 1st Inst.		10,000	10
Basmadjian, D. Chemical Eng. Toronto	Interactive heat & mass transfer in multisolute fluid flow through solid matrices. Transport processes in elastic tubes 3yr - 1st Inst.	Individual	11,400	04
Basrur, P.K. Biomed Sciences Guelph	Inherited muscular and integumental defects in domestic animals 3yr - 2nd Inst.	Individual	16,500	02
Bass, D.W. Math/Statistics Memorial	Topologically versal deformations of matrices and linear dynamical systems 3yr - 3rd Inst.	Individual	1,450	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bassim, M.N. Mechanical Eng. Manitoba	On fracture of ductile materials: Effect of microstructure and mechanical properties 3yr - 1st Inst.	Individual	11,400	04
Bataille, P.F. Génie chimique Ecole Polytech.	Etude de procédés de polymérisation	Individuelle	10,400	04
Batchelor, B.D. Civil Engineering Queen's	Plastic analysis applied to shear in reinforced concrete 3yr - 1st Inst.	Individual	17,000	06
Bate, J.A. Computer Science Manitoba	Machine designs for direct execution of an optimized high-level language	Individual	6,200	07
Bates, G.S. Chemistry British Columbia	Synthesis of cytochalasins and other biologically active natural products	Individual	14,500	05
Bates, T.E. Land Resource Sc Guelph	Heavy metal uptake from soils	Individual	7,000	03
Batten, L.M. Mathematics Winnipeg	Classification of Buekenhout diagrams 3yr - 3rd Inst.	Individual	1,047	16
Baudais, F.L. Chemistry Guelph	The analytical application of IR ellipsometry in surface analysis	Individual	11,000	05
Bauer, A. Mining Eng. Queen's	Simulation of blasting vibration 3yr - 2nd Inst.	Individual	11,550	06
Bauer, G.E.A. Civil Engineering Carleton	1) In-situ measurement of shear strength in Champlain sea clay 2) Bearing capacity of footings in granular slopes 3yr - 3rd Inst.	Individual	12,078	06
Bauer, M.A. Computer Science Western Ontario	Methods for specifying and evaluating software designs	Individual	9,500	07
Bawa, P.N.S. Kinesiology Simon Fraser	Physiologically relevant nonlinearities of the muscle 3yr - 2nd Inst.	Individual	12,100	01
Bayley, H.S. Nutrition Guelph	Energy metabolism and substrate utilization in domestic animals 3yr - 2nd Inst.	Individual	30,800	01
Bayley, S.T. Biology McMaster	Transcription and translation of DNA tumour viral genomes with special reference to adenovirus 3yr - 3rd Inst.	Individual	27,779	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Baylis, W.E. Physics Windsor	Theory of atomic interactions 3yr - 1st Inst.	Individual	21,270	15
Bayliss, P. Geology Calgary	Applied crystallographic- mineralogy 3yr - 3rd Inst.	Individual	9,301	10
Baylor, G.W. Psychologie Montréal	Dreams as problem solving: Towards an integration of the phenomenological and information- processing perspectives 3ans - 3ième vers.	Individuelle	10,266	12
Bayoumi, M.M. Electrical Eng. Queen's	1) On-line computer control of power systems 2) Simulation, optimization and control of long multi-locomotive powered freight trains 3yr - 1st Inst.	Individual	8,800	11
Bazergui, A. Génie mécanique Ecole Polytech.	Sollicitations de géométries complexes avec applications aux réservoirs sous pression * avec R.Baldur, A.Biron, T.Bui-Quoc, C.A.Laberge(Ecole Poly.) 3ans - 3ième vers.	Groupe	97,832	13
Beal, J.C. Electrical Eng. Queen's	Surface-wave and similar guiding structures for communications and obstacle detection (guided radar) 3yr - 2nd Inst.	Individual	11,550	11
Beales, F.W. Geology Toronto	Limestone studies and strata- ground mineral deposits 3yr - 3rd Inst.	Individual	20,533	10
Beames, R.M. Animal Science British Columbia	Methods for measuring lysine availability in high-lysine barley 3yr - 3rd Inst.	Individual	6,897	01
Beamish, F.W.H. Zoology Guelph	Ecophysiology of cyclostomes and teleost fishes 3yr - 3rd Inst.	Individual	28,480	01
Beatty, D.D. Zoology Alberta	Biochemistry and physiology of vertebrate visual systems 3yr - 3rd Inst.	Individual	16,004	01
Beatty, J.C. Computer Science Waterloo	Documentation graphics and color raster graphics	Individual	14,000	07
Beauchamp, A.L. Chimie Montréal	Etude structurale de complexes métalliques avec les bases nucléiques 3ans - 1er vers.	Individuelle	17,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Beauchamp, E.G. Land Resource Sc Guelph	Denitrification in soils 3yr - 2nd Inst.	Individual	27,720	03
Beaudet, G. Physique Montréal	Structure stellaire et nucléosynthèse 3ans - 2ième vers.	Individuelle	12,650	17
Beaudoin, A.R. Biologie Sherbrooke	Mécanismes de sécrétion de la cellule acineuse du pancréas exocrine 3ans - 1er vers.	Individuelle	20,000	02
Beaulieu, D. Génie civil Laval	1) Essais de cisaillement sur des assemblages de toitures métalliques 2) Etude expérimentale de la capacité des boulons d'ancrage sur fondation 3ans - 3ième vers.	Individuelle	12,078	06
Beaumont, C. Oceanography Dalhousie	Earth rheology 3yr - 3rd Inst.	Individual	43,864	10
Beaumont, G. Biologie Sherbrooke	Influence des quantités résiduelles d'herbicide (atrazine) sur l'ultrastructure des chloroplastes et ses constituants membranaires et sur le métabolisme des acides gras de Lemna minor L. * avec G.Grenier(Sherbrooke) 3ans - 1er vers.	Groupe	15,000	03
Beck, A.E. Geophysics Western Ontario	Investigation of pure and applied geothermal problems 3yr - 2nd Inst.	Individual	25,025	10
Beck, J.F. Chemistry St. F. Xavier	* Principal investigator J.C.Donini(St. F. Xavier)	Group		05
Beckenbach, A. Biolog. Sciences Simon Fraser	The analysis of genetic variation in the flies, Drosophila pseudoobscura and D. persimilis at the centers and margins of their distribution 3yr - 2nd Inst.	Individual	11,000	02
Becker, H.A. Chemical Eng. Queen's	Combustion, fluidization, turbulent mixing & grain drying 3yr - 1st Inst.	Individual	20,400	04
Bector, C.R. Act. & Bus. Math. Manitoba	1) Quadratic fractional programming 2) Relations among dual problems in fractional programming 3) Beevex programs	Individual	5,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bedard, J. Biologie Laval	Organisation sociale chez les oiseaux 3ans - 2ième vers.	Individuelle	35,750	18
Beddoes, M.P. Electrical Eng. British Columbia	Pattern recognition and the human operator	Individual	23,600	11
Beder, D.S. Physics British Columbia	Elementary particle & particle- nucleus interactions 3yr - 2nd Inst.	Individual	15,180	15
Beeckmans, J.M. Fac. of Eng. Sci. Western Ontario	Fluidized cascade fundamentals 3yr - 3rd Inst.	Individual	20,823	04
Beer, G.A. Physics Victoria	* Principal investigator L.P.Robertson(Victoria)	Project		27
Beer, G.A. Physics Victoria	* Principal investigator A.Olin(Victoria)	Project		27
Beer, G.A. Physics Victoria	IEP-11 - Muon induced fission * with G.R.Mason, A.Olin(Victoria)	Project	25,000	27
Beer, G.A. Physics Victoria	IEP-45 - Measurement of the strong interaction shift in pionic deuterium * with A.Olin, G.R.Mason(Victoria), A.W.Thomas(B.C.)	Project	33,000	27
Beer, G.A. Physics Victoria	* Principal investigator B.L.White(B.C.)	Project		27
Beer, G.A. Physics Victoria	* Principal investigator L.P.Robertson(Victoria) 3yr - 2nd Inst.	Group		27
Begg, I.M. Psychology McMaster	Organization and meaning in memory and language 3yr - 2nd Inst.	Individual	23,540	12
Behara, M. Mathematical Sci. McMaster	Entropy in decision under partial information 3yr - 3rd Inst.	Individual	1,543	14
Behie, L.A. Chemical Eng. Calgary	1) Oil removal from wastewater 2) Hydrogen production from hydrogen sulphide 3) Fluidized bed design 3yr - 2nd Inst.	Individual	10,450	04
Behrens, E.A. Mathematical Sci. McMaster	Rings and semigroups 3yr - 2nd Inst.	Individual	5,086	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Beirne, E.P. Biolog. Sciences Simon Fraser	Biological control of polyphagous insects 3yr - 2nd Inst.	Individual	13,200	18
Belanger, P.A. Physique Laval	1) Génération d'impulsions laser CO2 ultra brèves 2) Résonateur laser annulaire 3ans - 3ième vers.	Individuelle	20,315	15
Belanger, P.R. Electrical Eng. McGill	Numerical methods and adaptive control 3yr - 2nd Inst.	Individual	21,560	11
Belcastro, A.N. Physical Education Alberta	Adaptation rates of metabolic and contractile characteristics of skeletal muscle to electrical stimulation 3yr - 3rd Inst.	Individual	7,178	01
Beliveau, J.G. Génie civil Sherbrooke	Comportement dynamique des ouvrages de génie civil 3ans - 1er vers.	Individuelle	14,000	06
Bell, G. Biology McGill	Sexuality in natural populations of freshwater hydras 3yr - 3rd Inst.	Individual	20,533	18
Bell, H.E. Mathematics Brock	Commutativity problems for rings 3yr - 3rd Inst.	Individual	1,208	16
Bell, J.E. Genetics Alberta	Genetic and biochemical studies involving tRNA's in two eukaryotes (Drosophila melanogaster and Saccharomyces cerevisiae) 3yr - 2nd Inst.	Individual	20,350	02
Bell, J.M. Animal/Poultry Sc. Saskatchewan	Nutritional value of rapeseed meal; amino acid requirements of mice 3yr - 3rd Inst.	Individual	42,877	01
Bell, K. Geology Carleton	Isotope geochemistry of carbonatites 3yr - 1st Inst.	Individual	20,000	10
Bell, M.G. Mathematics Manitoba	Supercompact and C.C.C. spaces 3yr - 2nd Inst.		3,300	16
Bell, P.C. Management Sciences Western Ontario	Two stage production processes with intermediate product storage constraints 3yr - 2nd Inst.	Individual	11,000	20
Bell, R. Mech. & Aeronaut. Carleton	Projection moire analysis using a video system 3yr - 1st Inst.	Individual	9,400	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bell, R.A. Chemistry McMaster	1) Synthesis of macrolide antibiotics 2) Nuclear magnetic resonance: ¹ H, ¹³ C and ³¹ p spectroscopy/the nuclear overhauser effect 3yr - 3rd Inst.	Individual	11,353	05
Bell, R.E. Physics McGill	* Principal investigator J.K.P.Lee(McGill)	Group		22
Bell, T.N. Chemistry Simon Fraser	* Principal investigator P.W.Percival(Simon Fraser)	Project		27
Bell, T.N. Chemistry Simon Fraser	1) Kinetics of gas phase reactions. 2) Transport processes in gases 3yr - 2nd Inst.	Individual	20,900	05
Belleau, E. Chemistry McGill	Molecular basis of enzyme and receptor function 3yr - 3rd Inst.	Individual	73,676	05
Belleau, E. Chemistry McGill	Biologically stable thiopolypeptides of medicinal interest * with S.Lemaire,S.A.St-Pierre(Sherbrooke)	Co-op	21,000	05
Belleau, E. Chemistry McGill	* Principal investigator S.Lemaire(Sherbrooke)	Co-op		05
Belleau, E. Chemistry McGill	* Principal investigator S.A.St-Pierre(Sherbrooke)	Co-op		05
Bellefleur, P. Pédologie/écologie Laval	Expérimentation sur la compétition pionnière durant la succession secondaire 3ans - 2ième vers.	Individuelle	9,900	18
Bellemare, G. Biochimie Laval	Rôle du DNA chloroplastique lors de la synthèse des protéines chloroplastiques chez les algues unicellulaires 3ans - 3ième vers.	Individuelle	24,156	02
Belley, J.M. Mathématiques Sherbrooke	Recherche en analyse harmonique et en théorie ergodique 3ans - 1er vers.	Individuelle	4,500	16
Bellhouse, D.R. Stat. & Actuar. Sc Western Ontario	1) Spatial sampling 2) Stochastic interest rates in actuarial science 3yr - 3rd Inst.	Individual	3,684	14
Bellow, D.G. Mechanical Eng. Alberta	Investigations into the static and dynamic behaviour of machine elements 3yr - 2nd Inst.	Individual	20,900	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Benabdallah, K. Math/statistique Montréal	Groupes Abéliens primaires. Anneaux d'endomorphismes. Aspects homologiques. Groupes sans torsion. 3ans - 1er vers.	Individuelle	7,000	16
Bendell, J.F. Fac For Land Arch Toronto	Population regulation in grouse and squirrels, the role of behaviour and the quality of food 3yr - 3rd Inst.	Individual	16,909	18
Bender, C.D. Chemistry Lethbridge	Photochemical and thermal reactivity of substituted benzosemibullvalenes 3yr - 2nd Inst.	Individual	7,700	05
Benedek, A. Chemical Eng. McMaster	Water treatment processes for the removal of toxic organic compounds 3yr - 2nd Inst.	Individual	14,300	04
Beninger, R.J. Psychology Queen's	The role of brain serotonin in behaviour 3yr - 1st Inst.	Individual	11,000	12
Benjafield, J.G. Psychology Brock	Thinking about paradoxes	Individual	3,000	12
Benn, M.H. Chemistry Calgary	Synthesis, in vitro and in vivo 3yr - 1st Inst.	Individual	19,000	05
Bennett, G.F. Biology Memorial	Epizootiology, taxonomy and zoogeography of avian blood parasites 3yr - 3rd Inst.	Individual	30,195	18
Bennett, J.M. Computer Science Western Ontario	Design and implementation of a locally distributed operating system	Individual	6,000	07
Bennion, D.W. Chemical Eng. Calgary	Flow through porous media 3yr - 1st Inst.	Individual	11,900	04
Benoit, R.L. Chimie Montréal	Chimie et électrochimie dans les solvants 3ans - 2ième vers.	Individuelle	17,600	05
Benson, M.W. Mathematical Sci. Lakehead	Resampling methods for synthetic aperture radar	Individual	4,000	07
Bentsen, R.G. Mineral Eng. Alberta	Analysis of the displacement of one fluid by another 3yr - 1st Inst.	Individual	8,400	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Berezin, A.A. Eng. Physics McMaster	New semiconducting materials for photovoltaic energy conversion 3yr - 1st Inst.	Individual	10,400	04
Berg, G.J. Electrical Eng. Calgary	Power system studies 3yr - 2nd Inst.	Individual	19,360	11
Berg, R.T. Animal Science Alberta	Maternal traits in beef cattle 3yr - 1st Inst.	Individual	18,790	01
Bergan, A.T. Civil Engineering Saskatchewan	A study of pavement rehabilitation in cold regions 3yr - 3rd Inst.	Individual	26,572	06
Berger, J. Zoology Toronto	Biology of the ciliate protozoa 3yr - 3rd Inst.	Individual	23,051	01
Berger, J.D. Zoology British Columbia	Regulation of macronuclear DNA content and cell size in Paramecium: a comprehensive model for the integration of DNA content, rate of DNA synthesis, rate of cell growth, and cell size 3yr - 3rd Inst.	Individual	14,494	02
Bergeron, J. Psychologie Montréal	Variations de l'activité cardiaque en fonction de la motivation et de l'anxiété 3ans - 3ième vers.	Individuelle	5,918	12
Bergeron, J. Informatique Laval	Traitement APL réparti	Individuelle	5,000	07
Bergersen, E. Physics British Columbia	Application of many particle physics to the theory of solids 3yr - 1st Inst.	Individual	23,500	15
Bergerud, A.T. Biology Victoria	Population ecology of vertebrates 3yr - 2nd Inst.	Individual	44,000	18
Berggren, J.L. Mathematics Simon Fraser	The history of medieval Islamic mathematics 3yr - 3rd Inst.	Individual	3,143	16
Bergougnou, M.A. Chemical Eng. Western Ontario	Large fluidized bed reactors: design and scale-up fundamentals. Application to energy and other processes 3yr - 1st Inst.	Individual	29,400	04
Bergstrom, J.C. Physics Saskatchewan	Nuclear current densities and mesonic effects from electron scattering	Individual	31,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Berkowitz, N. Mineral Eng. Alberta	Coal liquefaction in H-Donor systems 3yr - 1st Inst.	Individual	25,500	13
Berlinsky, A.J. Physics British Columbia	Atomic hydrogen at low temperature/Theory of ordering in 2 dimensions 3yr - 2nd Inst.	Individual	24,717	15
Berman, G. Combin./Optimiz. Waterloo	Combinatorial systems 3yr - 1st Inst.	Individual	12,500	07
Berman, O. Man. Sc./Inf.Sys. Calgary	Planning for and management of service networks * with N.Ahituv(B.C.)	Group	20,000	20
Berman, S. Mathematics Saskatchewan	Algebraic aspects of finite and infinite dimensional lie theory 3yr - 1st Inst.	Individual	4,000	16
Bernier, C.C. Plant Science Manitoba	Faba bean rust; genetics of pathogenicity and characterization of slow rusting	Individual	7,000	03
Berrill, M. Biology Trent	The behavioral development and ecology of decapod crustaceans 3yr - 3rd Inst.	Individual	10,266	18
Bersohn, M. Chemistry Toronto	Application of computer science to synthetic organic chemistry 3yr - 2nd Inst.	Individual	7,700	05
Bertie, J.E. Chemistry Alberta	Vibrational spectroscopy and the structure of solids 3yr - 2nd Inst.	Individual	28,600	05
Bertrand, H. Biology Regina	Genetic control of the biogenesis, structure and function of the respiratory complexes in mitochondria of Neurospora crassa 3yr - 2nd Inst.	Individual	36,850	02
Bertrand, L.G.L. Génie-physique Ecole Polytech.	Stabilisation d'un laser hf continu et interactions laser- amplificateur hf continus 3ans - 3ième vers.	Individuelle	12,682	15
Bertrand, M. Génie bio-méd. Montréal	* Chercheur principal R.A.L.Guardo(Ecole Polytech.) 3ans - 2ième vers.	Groupe		11
Bertrand, M.J. Chimie Montréal	Analyse sélective et spécifique de mélanges complexes de substances organiques par chromatographie capillaire (GC/NPD) et spectrométrie de masse (GC/MS)	Individuelle	15,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bertrand, R. INRS-Education Québec-INRS	L'invariance des méthodes de rotation analytiques en analyse factorielle 3ans - 2ième vers.	Individuelle	1,725	14
Berube, M.A. Géologie Laval	La mesure automatique du degré de libération des minerais broyés 3ans - 2ième vers.	Individuelle	8,800	04
Berwanger, C. Civil Engineering Ottawa	Thermal properties of structural materials and the behaviour of composite structures	Individual	5,000	06
Besant, R.W. Mechanical Eng. Saskatchewan	Low cost solar energy systems monitoring, analysis and design	Individual	8,000	13
Besner, D. Psychology Waterloo	Visual word recognition 3yr - 2nd Inst.		13,000	12
Best, M.J. Combin./Optimiz. Waterloo	Efficient algorithms for constrained optimization 3yr - 3rd Inst.	Individual	19,204	07
Beswick, A.E. Geology Laurentian	Determination of the primary geochemical characteristics of Precambrian Volcanism and nature of the early upper mantle 3yr - 2nd Inst.	Individual	11,000	10
Bettany, J.R. Soil Science Saskatchewan	Sulphur cycling in prairie soils 3yr - 2nd Inst.	Individual	11,880	03
Betts, D.D. Physics Dalhousie	Theoretical studies of phase transitions and critical phenomena 3yr - 2nd Inst.	Individual	28,875	15
Betz, T.W. Biology Carleton	Hormones and avian development 3yr - 2nd Inst.	Individual	26,950	01
Beveridge, T.J. Microbiology Guelph	Metal binding and environmental transport by bacterial polymers 3yr - 3rd Inst.	Individual	19,325	02
Beverley-Burton, M. Zoology Guelph	Helminthic parasites of freshwater and marine fishes 3yr - 2nd Inst.	Individual	18,150	01
Berversdorf, W.D. Crop Science Guelph	Utilization and evaluation of cytoplasmic male-sterility for hybrid rapeseed production 3yr - 2nd Inst.	Individual	12,100	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bewley, J.D. Biology Calgary	Seed development, germination and growth: internal and environmental control 3yr - 1st Inst.	Individual	60,000	03
Bewtra, J.K. Civil Engineering Windsor	Treatment and disposal of wastewater 3yr - 3rd Inst.	Individual	26,572	06
Bhaduri, R.K. Physics McMaster	1) Studies in nuclear and particle physics 2) Semiclassical approximations 3yr - 1st Inst.	Individual	22,620	15
Bhakar, B.S. Physics Manitoba	Theoretical investigation of few body problems and their interactions	Individual	3,000	15
Bhargava, R. Educ. Theory Toronto	Multivariate analysis 3yr - 1st Inst.	Individual	4,060	14
Bhargava, V.K. Electrical Eng. Concordia	Error control coding and modulation techniques in digital communications 3yr - 2nd Inst.	Individual	14,080	11
Bhartia, P. Electrical Eng. Ottawa	1) Stripline circuits - design and analysis 2) Leaky wave antennas at millimeter wave frequencies 3yr - 2nd Inst.	Individual	13,530	11
Bhat, R.B. Mechanical Eng. Concordia	1) Structural dynamics & optimization with probabilistic design methods under acoustic & mechanical excitations 2) Problems in rotor dynamics	Individual	10,000	13
Bhatia, A.B. Physics Alberta	Structural, electronic and thermodynamic properties of alloys and ultrasonic absorption 3yr - 3rd Inst.	Individual	27,937	15
Bhatnagar, M.K. Biomed Sciences Guelph	Ultrastructural studies on the liver of some avian species 3yr - 3rd Inst.	Individual	11,656	01
Bhattacharyya, B.B. Electrical Eng. Concordia	1) Nonlinear circuits 2) Digital filters 3) Switched capacitor filters 4) Active RC networks 3yr - 1st Inst.	Individual	18,700	11
Bibby, M.J. Mechanical Eng. Carleton	The weldability of low carbon steels 3yr - 2nd Inst.	Individual	13,750	04
Biederman, G.B. Psychology Toronto	Preference for signaled shock using DADS maze 3yr - 1st Inst.	Individual	6,800	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bierstone, E. Mathematics Toronto	Ideals of differentiable functions 3yr - 2nd Inst.	Individual	10,173	16
Bigelow, C.C. Chemistry Manitoba	Protein structure and denaturation 3yr - 1st Inst.	Individual	26,000	02
Bilanski, W.K. Sch. of Agric. Eng Guelph	Mechanical and thermal properties of agricultural- biological materials 3yr - 2nd Inst.	Individual	14,300	03
Bilgen, E. Mécanique Ecole Polytech.	Mécanique non-linéaire et stockage d'énergie 3ans - 3ième vers.	Individuelle	26,572	13
Billette, N. Mines & metallurgie Laval	Ventilation minière: impact des normes de santé au travail	Individuelle	4,000	04
Billigheimer, C.E. Mathematical Sci. McMaster	Ordinary linear differential and difference operators 3yr - 2nd Inst.	Individual	5,086	16
Billinton, R. Electrical Eng. Saskatchewan	Analytical methods in evaluating power system reliability, economics and performance 3yr - 2nd Inst.	Individual	46,970	11
Bilodeau, M.L. Mining/Metal. Eng. McGill	Geostatistical estimation in the presence of geological trends	Individual	3,000	10
Binding, P.A. Math/Statistics Calgary	Ordinary differential equations and some generalisations 3yr - 2nd Inst.	Individual	10,723	16
Birchall, T. Chemistry McMaster	1) Studies of weak acids and bases in non-aqueous solvents 2) Application of Mössbauer spectroscopy to inorganic chemistry 3yr - 2nd Inst.	Individual	25,300	05
Bird, D.M. Ren. Resources Macdonald Coll.	Factors influencing hatchability in American kestrels 3yr - 2nd Inst.		13,000	18
Bird, P.H. Chemistry Concordia	Preparative and crystallographic studies in inorganic chemistry	Individual	10,000	05
Biringer, P.P. Electrical Eng. Toronto	Non-linear circuits and devices 3yr - 2nd Inst.	Individual	38,060	11
Birkmose, P.C. Civil Engineering Toronto	Beam-column behaviour of cold formed steel 3yr - 2nd Inst.	Individual	14,300	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Biron, A. Genie mécanique Ecole Polytech.	* Chercheur principal A.Bazergui(Ecole Poly.) 3ans - 3ième vers.	Groupe		13
Birrell, G.S. Civil Engineering Toronto	Heuristic analyses of management of construction 3yr - 3rd Inst.	Individual	10,870	06
Birss, F.W. Chemistry Alberta	Molecular spectroscopy and structure 3yr - 1st Inst.	Individual	17,000	05
Birta, L.G. Computer Science Ottawa	Integrated simulation/optimization software 3yr - 1st Inst.	Individual	13,000	07
Birtwistle, G.M. Computer Science Calgary	Communications algorithms and software	Individual	15,000	07
Bisalputra, T. Botany British Columbia	Ultrastructure and cytochemistry of algal cells (related to environmental responses and marine food chain) 3yr - 2nd Inst.	Individual	29,700	02
Bisanz, J. Psychology Alberta	Developmental change and individual differences in analogical reasoning 3yr - 1st Inst.	Individual	10,000	12
Bishnoi, P.R. Chemical Eng. Calgary	Determination and prediction of phase behaviour and other thermodynamic properties of petroleum fluids, development of design methods for separation equipment, and process development and simulation 3yr - 3rd Inst.	Individual	10,557	04
Bishop, D.M. Chemistry Ottawa	Theoretical investigation of molecular properties 3yr - 1st Inst.	Individual	29,000	05
Bisztriczky, T. Math/Statistics Calgary	Theory of surfaces 3yr - 2nd Inst.		3,300	16
Bjorhovde, R. Civil Engineering Alberta	Panel-braced steel frames 2yr - 2nd Inst.	Individual	11,550	06
Black, J.E. Physics Brock	Transport in metals and atom vibration at metal surfaces 3yr - 1st Inst.	Individual	7,000	15
Black, T.A. Soil Science British Columbia	Forest water balance and tree water relations 3yr - 3rd Inst.	Individual	25,364	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Blackburn, J.A. Physics Wilfrid Laurier	1) Superconducting weak links 2) Digital electronics 3yr - 1st Inst.	Individual	15,770	15
Blackford, E.L. Physics Dalhousie	Electron tunneling in superconductors 3yr - 2nd Inst.	Individual	13,255	15
Blackmore, E.W. TRIUMF British Columbia	* Principal investigator R.R.Johnson(B.C.)	Project		27
Blake, I.F. Electrical Eng. Waterloo	Coding, sequences and digital signal processing 3yr - 2nd Inst.	Individual	19,470	11
Blake, R.W. Zoology British Columbia	The kinematics, hydrodynamics and energetics of swimming in animals 3yr - 2nd Inst.	Individual	8,800	01
Blake, T.J. Forestry Toronto	Aging and rejuvenation of woody plants 3yr - 1st Inst.	Individual	18,000	03
Blanchard, L.P. Génie chimique Laval	Recherche dans le domaine des macromolécules 3ans - 3ième vers.	Individuelle	29,278	04
Blanchard, M. INRS - Énergie Québec-INRS	Metal vapor laser: UV source for diagnostic of dense plasmas	Individuelle	7,090	15
Bland, E.H. Psychology Calgary	Physiological and pharmacological investigation of hippocampal formation function 3yr - 1st Inst.	Individual	15,000	12
Bland, C.J. Physics Calgary	Radioactivity measurements of geological samples	Individual	12,000	10
Blass, K.G. Chemistry Regina	Topics in clinical chemistry: 1) Molecular chemistry reactions and interference reactions in the determination of creatinine 2) Investigation of the urea diacetylmonoxime reaction 3yr - 2nd Inst.	Individual	9,900	02
Bleakney, J.S. Biology Acadia	Fauna of Minas Basin and zoogeography of sacoglossan molluscs	Individual	4,500	18
Blench, T. Civil Engineering Alberta	Mechanics of a range of fluid-solid flows 3yr - 1st Inst.	Individual	10,500	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Blenkinsop, J. Geology Carleton	Rb-Sr geochronology of mid-Proterozoic granitoid intrusions from the Churchill Province of Saskatchewan	Individual	10,000	10
Bligh, E.G. Fish. Res. & Tech. Tech Univ N.S.	Improved utilization of fish protein 3yr - 2nd Inst.	Individual	14,740	03
Block, E. Animal Science Macdonald Coll.	Urinary 3-methylhistidine excretion as an indicator of protein status in ruminants	Individual	15,000	01
Bloom, M. Physics British Columbia	Magnetic resonance studies of biological and model membranes 3yr - 3rd Inst.	Individual	81,260	15
Bloom, T. Mathematics Toronto	Pseudo-convex domains 3yr - 3rd Inst.	Individual	13,966	16
Blum, I.E. Mathematics Mt. St. Vincent	The structure of ideals in $C(X)$ and extension of continuous functions 3yr - 3rd Inst.	Individual	1,047	16
Bluman, G.W. Mathematics British Columbia	Similarity methods for differential equations 3yr - 1st Inst.	Individual	2,722	16
Blyth, C.R. Math/Statistics Queen's	Mathematical statistics 3yr - 3rd Inst.	Individual	9,908	14
Boadway, J.D. Civil Engineering Queen's	Recovery of velocity energy in a fluid cyclone 3yr - 3rd Inst.	Individual	12,078	13
Boag, D.A. Zoology Alberta	Problems in animal dispersal 3yr - 2nd Inst.	Individual	24,200	18
Boal, D.H. Chemistry Simon Fraser	* Principal investigator K.P.Jackson(Simon Fraser)	Project		27
Boal, D.H. Chemistry Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser)	Project		27
Boal, D.H. Chemistry Simon Fraser	* Principal investigator J.M.D'Auria(Simon Fraser)	Project		27
Boal, D.H. Chemistry Simon Fraser	Theory of intermediate energy nuclear reactions 3yr - 1st Inst.	Individual	14,400	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bobee, E. INRS-Eau Québec-INRS	1) Comparaison globale de distributions statistiques et de techniques d'ajustement pour l'analyse de débits de crue 2) Régionalisation des paramètres et des caractéristiques d'une distribution statistique 3ans - 3ième vers.	Individuelle	20,533	06
Bochmann, G.V. Infor. & rech opér. Montréal	Définition, validation et implantation de protocoles de communication de données 3ans - 3ième vers.	Individuelle	28,625	07
Bock, E. Chemistry Manitoba	NMR study of liquid crystals. Molecular conformation in liquids 3yr - 1st Inst.	Individual	18,000	05
Boerner, W.M. Electrical Eng. Manitoba	1) Direct & inverse scattering techniques 2) Application of Fourier-optical techniques	Individual	5,000	11
Bogart, J.P. Zoology Guelph	Evolution and speciation of amphibians 3yr - 3rd Inst.	Individual	8,455	01
Bohm, B.A. Botany British Columbia	Distribution of secondary metabolites in higher plants 3yr - 3rd Inst.	Individual	32,611	03
Bohme, D.K. Chemistry York	Gas-phase kinetics and energetics of ion-molecule reactions 3yr - 3rd Inst.	Individual	26,089	05
Boisvert, L.M. Génie électrique Laval	* Chercheur principal P.Viarouge(Laval)	Groupe		11
Boivin, A. Physique Laval	Optique électromagnétique-applications à la thermo-fusion et à la formation des images 3ans - 2ième vers.	Individuelle	33,770	15
Boivin, G. Physique Laval	Application des couches minces à l'optique instrumentale 3ans - 1er vers.	Individuelle	3,740	15
Bojadziev, G. Mathematics Simon Fraser	Oscillating processes in biological, biochemical, and engineering systems 3yr - 2nd Inst.	Individual	10,173	16
Boland, F.J. Psychology Queen's	Biobehavioral analysis of alcohol intake, tolerance and withdrawal 3yr - 1st Inst.	Individual	7,500	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bollinger, K.E. Electrical Eng. Alberta	Control and identification of power systems 3yr - 1st Inst.	Individual	16,000	11
Bols, N. Biology Waterloo	Differentiation studied by cell fusion and direct cell communication 3yr - 1st Inst.	Individual	23,000	02
Bolton, C.T. Astronomy Toronto	Studies of stellar X-ray and radio sources, multiple and peculiar stars 3yr - 2nd Inst.	Individual	19,800	17
Bolton, J.R. Chemistry Western Ontario	EPR studies of paramagnetic intermediates in photochemistry and photosynthesis 3yr - 1st Inst.	Individual	39,000	05
Bonalumi, R.A. Chemical Eng. Toronto	Development of a self-correcting scheme for on-line reactor power mapping 3yr - 1st Inst.	Individual	9,900	04
Bondy, J.A. Combin./Optimiz. Waterloo	Paths and cycles in graphs 3yr - 1st Inst.	Individual	19,441	16
Bone, D.H. Chemical Eng. Queen's	Biochemical engineering of agricultural and forestry residues 3yr - 2nd Inst.	Individual	8,800	04
Bonen, A. Physical Education Dalhousie	Insulin binding, and glucose uptake and metabolism in skeletal muscle 3yr - 1st Inst.	Individual	11,500	01
Bonert, R. Electrical Eng. Toronto	Dynamics and control of ac-drives	Individual	8,000	11
Bonham, D.J. Mechanical Eng. New Brunswick	Integration of CAD with CAM 3yr - 1st Inst.	Individual	13,500	13
Bonn, F.J. Géographie Sherbrooke	Utilisation des données du satellite H.C.M.M. et du concept d'inertie thermique en télédétection du milieu naturel 3ans - 2ième vers.	Individuelle	9,350	06
Boocock, D.G.B. Chemical Eng. Toronto	1) The conversion of wood to chemical feedstocks and liquid fuels 2) The development of personal passive dosimeters for toxic gases and vapours 3yr - 3rd Inst.	Individual	8,745	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Boonstra, R. Life Sciences Toronto	Population processes in mammals: an experimental approach 3yr - 1st Inst.	Individual	21,000	18
Boorman, P.M. Chemistry Calgary	Reactions of organosulphur ligands on molybdenum and tungsten centres 3yr - 1st Inst.	Individual	13,000	05
Booth, K.S. Computer Science Waterloo	Graph algorithms/interactive graphics	Individual	18,000	07
Booth, P.I. Math/Statistics Memorial	Applications of fibred mapping spaces and applied catastrophe theory 3yr - 3rd Inst.	Individual	4,794	16
Boothroyd, A.R. Electronics Carleton	Basic design, modelling and application of semiconductor devices	Individual	24,300	11
Booton, M. Fac of Engineering Memorial	Hydroelastic response of a viscoelastic plate vibrating in a fluid 3yr - 3rd Inst.	Individual	10,266	13
Borden, J.H. Biolog. Sciences Simon Fraser	Chemical ecology and natural products chemistry of Canadian insect pests 3yr - 3rd Inst.	Individual	41,065	18
Borodin, A.E. Computer Science Toronto	Computational complexity, practice and theory 3yr - 3rd Inst.	Individual	26,451	07
Borra, E.F. Physique Laval	Etudes de champs magnétiques stellaires et de noyaux actifs de Galaxies 3ans - 1er vers.	Individuelle	24,000	17
Borradaile, G.U. Geology Lakehead	Structural and metamorphic geology with emphasis on Archean rocks of NW Ontario	Individual	16,000	10
Borwein, D. Mathematics Western Ontario	Summability of series and integrals 3yr - 3rd Inst.	Individual	11,173	16
Borwein, J.M. Mathematics Dalhousie	Convexity and mathematical programming in partially ordered spaces 3yr - 1st Inst.	Individual	9,332	16
Borwein, P.B. Mathematics Dalhousie	Problems in rational approximation theory 3yr - 1st Inst.	Individual	2,944	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bose, A. Mathematics Carleton	Stochastic modeling and statistical inference for biological population 3yr - 3rd Inst.	Individual	2,268	14
Bose, T.K. Physique Qué.-Trois-Riv	Etudes diélectriques des gaz et des liquides 3ans - 3ième vers.	Individuelle	11,474	15
Bosi, G. Physique/math Moncton	Applications pluridisciplinaires de l'électrostatique	Individuelle	3,000	22
Bosisio, R.G. Génie électrique Ecole Polytech.	Technologies des hyperfréquences 3ans - 2ième vers.	Individuelle	31,900	11
Bosnich, B. Chemistry Toronto	Asymmetric synthesis and biological analogs 3yr - 3rd Inst.	Individual	46,862	05
Boswell, F.W. Physics Waterloo	Physics of low-dimensional crystals 3yr - 1st Inst.	Individual	11,120	15
Bottomley, F. Chemistry New Brunswick	Reactions of co-ordinated ligands	Individual	18,000	05
Boucher, D.H. Biology McGill	The legume-Rhizobium mutualism and nitrogen fixation in agroecosystems 3yr - 2nd Inst.	Individual	11,000	18
Boucher, F. Chimie - biologie Qué.-Trois-Riv	Photochimie et biochimie de la rhodopsine 3ans - 1er vers.		13,500	02
Bouillon, G. Génie mécanique Laval	Etude de nouvelles méthodes de mesure de pièces de mécanique 3ans - 2ième vers.	Individuelle	17,050	13
Boulanger, A.E. Mathématiques Sherbrooke	Estimateurs de Kolmogorov- Smirnov 3ans - 3ième vers.	Individuelle	1,543	14
Boulay, M.R. Sci l'activité phys Laval	* Chercheur principal A.Groleau- Roberge(Laval) 3ans - 1er vers.	Groupe		01
Boulet, M. Vivres Laval	Proprieties of concentrated protein solutions 3ans - 3ième vers.	Individuelle	15,701	02
Boulos, M.I. Génie chimique Sherbrooke	Traitement des poudres dans les fours à plasma 3ans - 2ième vers.	Individuelle	14,300	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Non Département Université	But de la subvention	Genre	Montant \$	Comité
Boulton, P.I.P. Electrical Eng. Toronto	Software and hardware computing services 3yr - 3rd Inst.	Individual	12,078	07
Bourassa, P. Génie mécanique Sherbrooke	Simulation de performance dynamique des véhicules 3ans - 3ième vers.	Individuelle	9,662	13
Bourdeau, M. Mathématiques appl. Ecole Polytech.	Détermination des "bons treillis" en dimension supérieure à 3 3ans - 1er vers.	Individuelle	2,166	16
Bourgeron, P.S. Biology Sherbrooke	Analyse d'une communauté distribuée en mosaïque dans un environnement sévère (Nouveau Québec)	Individual	7,000	18
Bourget, R.E. Biologie Laval	Développement des populations épibenthiques intertidales 3ans - 2ième vers.	Individuelle	19,800	18
Bourne, G.E. Biology Calgary	Circulatory physiology of invertebrates	Individual	8,500	01
Bourque, C. Génie mécanique Laval	Développement des jets et applications	Individuelle	7,000	13
Bourque, M. Centre de rech math Montréal	Problèmes d'optimisation non différentiable et discrète	Individuelle	5,500	07
Bourque, P.A. Géologie Laval	Analyse paléo-environnementale des ensembles carbonates du siluro-devonien de la Gaspésie	Individuelle	8,000	10
Boutin, N. Génie électrique Sherbrooke	Transmission de données par satellites à enveloppe constante et à bande limitée 3ans - 1er vers.	Individuelle	12,100	11
Bovet, J.L. Biologie Laval	Eco-éthologie des rongeurs	Individuelle	8,000	18
Bovis, M.J. Geography British Columbia	Slow mass movement in southwestern British Columbia	Individual	9,500	10
Bowen, A.J. Oceanography Dalhousie	Dynamics of waves, currents and sediments 3yr - 1st Inst.	Individual	30,000	10
Bowen, E.D. Fac. of Eng. Sci. Memorial	Effect of surface coverage on fine particle deposition 3yr - 2nd Inst.	Individual	9,900	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bowland, J.P. Animal Science Alberta	Nutritional requirements and nutrient utilization by pigs and rats with emphasis on amino acid and energy requirements 3yr - 3rd Inst.	Individual	39,857	01
Bown, A.W. Biolog. Sciences Brock	Hydrogen ion excretion from plant cells 3yr - 1st Inst.	Individual	9,000	03
Boyarsky, A. Mathematics Concordia	Some problems in the theory of ergodic transformations 3yr - 3rd Inst.	Individual	8,380	16
Boyd, C.M. Oceanography Dalhousie	Feeding of krill 3yr - 1st Inst.	Individual	19,000	18
Boyd, D.W. Mathematics British Columbia	Analysis and number theory 3yr - 1st Inst.	Individual	24,831	16
Boyd, R.J. Chemistry Dalhousie	Quantum chemical studies of electronic structures and reaction mechanisms	Individual	17,000	05
Boyd, R.K. Chemistry Guelph	Analytical and chemical applications of metastable ions 3yr - 1st Inst.	Individual	19,000	05
Boyd, W.H. Biomed Sciences Guelph	Management of pituitary colloid, a major transport system, by blood and cerebrospinal fluid 3yr - 2nd Inst.	Individual	17,600	01
Boyle, A.R. Electrical Eng. Saskatchewan	The use of microprocessors, minicomputers and interactive displays in application problems * with A.G.Wacker, T.W.Clewes, G.J.Huff (Sask.)	Group	5,000	11
Boyle, T.J. Chemical Eng. McGill	Simulation and control of industrial processes	Individual	13,400	04
Braksmas, J.P. Civil Engineering Carleton	Study of transportation terminals 3yr - 2nd Inst.	Individual	14,300	06
Bradford, J.H. Computer Science Acadia	* Principal investigator T.Pietrzykowski (Acadia)	Group		07
Bradley, J. Computer Science Calgary	Implementation of a CODASYL EOS enhancement prototype	Individual	7,200	07
Bradley, M.T. Psychology New Brunswick	Feedback and the detection of deception 3yr - 1st Inst.	Individual	5,000	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Braekvelt, C.R. Anatomy Manitoba	Comparative fine structural studies of the retina in lower vertebrates	Individual	7,000	01
Bragg, D.E. Poultry Science British Columbia	Amino acid and mineral availability from dietary ingredients to the chick	Individual	12,000	01
Bragg, G.M. Mechanical Eng. Waterloo	Fluid mechanics of dusts & aerosols 3yr - 2nd Inst.	Individual	17,050	13
Brainerd, C.J. Psychology Western Ontario	Analysis of rule-sampling models for children's concept learning 3yr - 2nd Inst.	Individual	26,710	12
Brand, J.C.D. Chemistry Western Ontario	Electronic spectra of polyatomic molecules 3yr - 3rd Inst.	Individual	54,109	05
Brand, U. Geological Sciences Brock	Carbonate diagenesis and metals and hydrocarbon exploration geochemistry	Individual	10,500	10
Brandenberger, A.J. Photogrammétrie Laval	Recherches en photogrammétrie 3ans - 3ième vers.	Individuelle	18,117	06
Brandhorst, B.P. Biology McGill	RNA and protein metabolism in eggs, embryos, and Achlya 3yr - 3rd Inst.	Individual	21,740	02
Brandon, J.K. Physics Waterloo	Crystal structure and stability analyses of metal and alloy phases	Individual	12,050	15
Branion, R.M.R. Chemical Eng. British Columbia	1) Biochemical engineering 2) Chemical engineering and papermaking 3yr - 2nd Inst.	Individual	10,450	04
Brannen, E. Physics Western Ontario	Laser physics and laser heterodyne techniques for air pollution and astronomical applications 3yr - 1st Inst.	Individual	15,400	15
Brasch, K.R. Biology Queen's	Genome organization and regulation in eukaryotic development 2yr - 2nd Inst.	Individual	15,400	02
Brash, J.L. Chemical Eng. McMaster	Studies in polymerization and polymer characterization	Individual	12,000	05
Brassard, C.J.U. Physique Montréal	* Chercheur principal J.L'Ecuyer(Montréal)	Groupe		22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Brassard, C.U.J. Physique Montréal	* Chercheur principal P.H.M.Dépommier(Montréal)	Coop		22
Brassard, G. Infor. & rech opér. Montréal	Cryptographie à clefs publiques	Individuelle	8,500	07
Brassard, G.R. Biology Memorial	Bryological studies in Newfoundland and Arctic Canada 3yr - 3rd Inst.	Individual	14,494	18
Brassard, P. Chimie Laval	Nouveaux réactifs pour la synthèse de produits naturels, en particulier de quinones 3ans - 1er vers.	Individuelle	16,500	05
Bratina, J.W. Metal/Mat. Science Toronto	Deformation and fracture of high strength low alloy steels 3yr - 1st Inst.	Individual	10,400	04
Bratley, P. Computer Science Montréal	Software for text-processing 3yr - 2nd Inst.	Individual	22,220	07
Bray, D.I. Civil Engineering New Brunswick	Fluvial-morphological aspects of New Brunswick rivers 3yr - 3rd Inst.	Individual	9,662	06
Bray, T.M. Nutrition Guelph	The role of nutrition in chemically induced lung disease 3yr - 3rd Inst.	Individual	11,474	01
Brebner, A. Civil Engineering Queen's	Rubble foundations for vertical breakwaters 3yr - 3rd Inst.	Individual	10,870	06
Brebner, J.L. Physique Montréal	Interaction electron-phonon dans des solides 3ans - 1er vers.	Individuelle	19,980	15
Bree, A.V. Chemistry British Columbia	Electronic and vibrational properties of molecular crystals 3yr - 1st Inst.	Individual	18,500	05
Bregman, A.S. Psychology McGill	Perception and learning of complex patterns 3yr - 3rd Inst.	Individual	42,273	12
Brehaut, W.M. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia)	Group		07
Brenner, D. Statistics Toronto	Statistical methods with non- linear models	Individual	1,980	14
Brewer, J.H. Physics British Columbia	* Principal investigator M.D.Hasinoff(E.C.)	Project		27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Brewer, J.H. Physics British Columbia	* Principal investigator K.P.Jackson(B.C.)	Project		27
Brewer, J.H. Physics British Columbia	* Principal investigator J.E.Warren(B.C.)	Project		27
Brewer, J.H. Physics British Columbia	* Principal investigator G.Jones(B.C.)	Project		27
Brewer, J.H. Physics British Columbia	IEP-20 - Muon spin rotation in solids * with D.G.Fleming(B.C.)	Project	72,000	27
Brewer, J.H. Physics British Columbia	* Principal investigator D.G.Fleming(B.C.)	Project		27
Brezina, M. Génie mécanique Sherbrooke	Fabrication d'engrenages thermoplastiques en phase solide par la technique du forgeage 3ans - 3ième vers.	Individuelle	9,662	13
Briand, F.J.P. Biology Ottawa	Biological control of toxic algae 3yr - 2nd Inst.	Individual	19,800	18
Bridle, A.H. Physics Queen's	Studies of extragalactic radio sources 3yr - 2nd Inst.	Individual	30,800	17
Briere, F. Génie civil Ecole Polytech.	Intégration des impacts des déversements en temps d'orage dans le contrôle des réseaux d'égouts 3ans - 2ième vers.	Individuelle	11,550	06
Brimacombe, J.K. Metallurgical Eng. British Columbia	Analysis and design of metallurgical processes 3yr - 2nd Inst.	Individual	36,950	04
Brion, C.E. Chemistry British Columbia	Ionization, excitation and fragmentation of molecules by electron spectroscopy	Individual	50,000	05
Brise, F.R. Chimie Montréal	Applications de la diffraction électronique et des rayons-x à l'étude des polymères. Analyse conformationnelle et coposés modèles 3ans - 2ième vers.	Individuelle	16,500	05
Brisson, G.J. Zootechnie Laval	Nutrition du veau de boucherie 3ans - 3ième vers.	Individuelle	27,532	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Brisson, G.R. Sciences Qué.-Trois-Riv	Dysendocrinies athlétiques feminiées * avec M.Ledoux, F.Peronnet(Montréal), J.Rainville(Qué.-Trois-Rivières) 3ans - 1er vers.	Groupe	15,000	01
Britten, D.J. Mathematics Windsor	Studies in ring theory and its applications 3yr - 1st Inst.	Individual	4,666	16
Britton, D.M. Botany & Genetics Guelph	Biosystematic studies of Canadian ferns 3yr - 2nd Inst.	Individual	5,500	18
Brodie, D.E. Physics Waterloo	Amorphous semiconductors, mainly a-As ₂ S ₃ -BVI compounds and a-Si 3yr - 2nd Inst.	Individual	26,290	15
Brook, A.G. Chemistry Toronto	Investigation of organosilicon and organogermanium compounds 3yr - 3rd Inst.	Individual	56,767	05
Brooker, M.H. Chemistry Memorial	Spectroscopic studies of electrolytes	Individual	15,000	05
Brookfield, M.E. Land Resource Sc Guelph	Studies of recent and ancient desert deposits 3yr - 1st Inst.	Individual	12,000	10
Brooks, C. Geology Montréal	Evolution of the Precambrian Shield of Canada as determined by geochemical, isotopic and geochronologic analysis 3yr - 2nd Inst.	Individual	32,175	10
Brooks, D.R. Zoology British Columbia	Evolutionary studies on helminth parasites 3yr - 1st Inst.	Individual	8,000	18
Brooks, L.R. Psychology McMaster	Explicit and implicit learning in concept formation and word identification 3yr - 3rd Inst.	Individual	15,701	12
Brooks, R.J. Zoology Guelph	Population biology of microtine cycles 3yr - 1st Inst.	Individual	25,000	18
Brooks, W.V.F. Chemistry New Brunswick	Rotations, Vibrations and Geometry of small molecules, mostly with 3-membered rings 3yr - 3rd Inst.	Individual	10,145	05
Bross, M. Psychology Concordia	Intersensory effects of short- term unimodal sensory deprivation 3yr - 3rd Inst.	Individual	8,938	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Broughton, R.S. Agric. Eng. Macdonald Coll.	An analysis of the effects of drainage works on downstream flood peaks	Individual	9,000	10
Brouillet, L. Botanique agricole Macdonald Coll.	Biosystematic study of genus Aster in Québec	Individuelle	8,500	18
Brousseau, R. Génie électrique Laval	Instrumentation électronique de traitement de signaux vidéo	Individuelle	8,000	11
Broverman, S.A. Statistics Toronto	1) Set theoretic topology; 2) Actuarial considerations regarding rates of return on life contingent funds 3yr - 1st Inst.	Individual	2,944	16
Browder, L.W. Biology Calgary	Regulation of enzyme activity in Drosophila and an analysis of the embryonic origin of amphibian muscles	Individual	22,000	02
Brown, A.C. Génie minéral Ecole Polytech.	Etude métallogénique des gisements stratiformes de métaux non-ferreux	Individuelle	10,000	10
Brown, D.L. Biology Ottawa	Regulation of microtubule synthesis and assembly 3yr - 1st Inst.	Individual	27,000	02
Brown, G.G. Biology McGill	Analysis of Mitochondrial DNA variation at the Nucleotide sequence level 3yr - 1st Inst.	Individual	16,000	02
Brown, G.R. Civil Engineering British Columbia	A choice model for traffic management	Individual	5,000	06
Brown, I.D. Physics McMaster	Structure and bonding in complex solids 3yr - 2nd Inst.	Individual	18,700	05
Brown, I.R. Zoology Toronto	Gene activity in higher organism development 3yr - 2nd Inst.	Individual	27,500	02
Brown, J.D. Fac. of Eng. Sci. Western Ontario	X-ray generation by electrons, secondary ion mass spectroscopy and separation by surface properties 3yr - 3rd Inst.	Individual	17,200	04
Brown, K.M. Forestry Lakehead	Mathematical analysis of the crown and stem dynamics of Pinus resinosa ait 3yr - 1st Inst.	Individual	15,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Brown, K.S. Statistics Waterloo	Mathematical models of disease processes 3yr - 3rd Inst.	Individual	2,340	14
Brown, L.C. Metallurgy British Columbia	Phase transformations in solids 3yr - 3rd Inst.	Individual	29,278	04
Brown, L.M. Plant Science Western Ontario	Control mechanisms in the water relations of a green alga	Individual	10,000	03
Brown, R.E. Psychology Dalhousie	Sociobiology of reproductive and parental behaviour in rats 3yr - 2nd Inst.	Individual	9,900	12
Brown, R.G. Biology Dalhousie	1) Role of glycoproteins in hypersensitive response of plants to disease 2) Catabolism and regulatory role of O- methylated sugars	Individual	17,000	02
Brown, R.J.C. Chemistry Queen's	Structural studies of solids through nuclear spin resonance at high pressures 3yr - 2nd Inst.	Individual	7,700	05
Brown, R.L. Geology Carleton	Structural investigations in the Canadian Cordillera 3yr - 1st Inst.	Individual	15,000	10
Brown, R.M. Earth Sciences Waterloo	A study of uranium isotope disequilibrium in the pre- Cambrian environment	Individual	8,000	10
Brown, R.S. Chemistry Alberta	1) Photoelectron spectroscopy of theoretically interesting organic molecules; 2) Synthesis and physical studies of models for enzymes 3yr - 2nd Inst.	Individual	23,100	05
Brown, S.R. Biology Queen's	Paleolimnology and the paleoecology of lakes 3yr - 1st Inst.	Individual	17,000	18
Brown, T.C. Mathematics Simon Fraser	Common transversals for families of partitions 3yr - 3rd Inst.	Individual	4,190	16
Brown, W.G. Mathematics McGill	Combinatorial extremal problems 3yr - 2nd Inst.	Individual	9,830	16
Browne, P.J. Math/Statistics Calgary	Multiparameter spectral theory/factorization of operators 3yr - 2nd Inst.	Individual	13,310	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Brubacher, L.J. Chemistry Waterloo	1) Mechanism of action of proteolytic enzymes 2) Mechanism of action of hydrogenases 3yr - 2nd Inst.	Individual	8,800	05
Bruce, D.L. Biology Regina	B-lactamase export in gram-negative bacteria 3yr - 2nd Inst.	Individual	9,900	02
Bruderlein, H. Chimie Qué-Montréal	Altérations au niveau des lipides et des protéines sériques reliées à la phase chronique de l'arthrite rhumatoïde	Individuelle	7,150	02
Bruen, A.A. Mathematics Western Ontario	Finite geometries and permutation groups 3yr - 2nd Inst.	Individual	13,564	16
Bruener, P.W. Chemistry Toronto	Topics in theoretical chemical dynamics	Individual	20,000	05
Bruener, P.W. Chemistry Toronto	* Principal investigator T.A.Osborn(Manitoba) 3yr - 2nd Inst.	Co-op		15
Brundrett, E. Mechanical Eng. Waterloo	1) Heat and mass transfer in turbulent boundary layers 2) Heat and mass transfer in industrial & horticultural structures 3yr - 3rd Inst.	Individual	18,117	13
Brunel, P. Sciences biolog. Montréal	Ecologie de la communauté suprabenthique dans le golfe et l'estuaire du Saint-Laurent 3ans - 2ième vers.	Individuelle	5,500	18
Brungs, H.H. Mathematics Alberta	Chain rings 3yr - 1st Inst.	Individual	7,000	16
Bruns, G.W.A. Mathematical Sci. McMaster	Orthomodular lattices and related algebras 3yr - 3rd Inst.	Individual	8,380	16
Brussell, E.M. Psychology Concordia	The processing of contour and brightness information 3yr - 1st Inst.	Individual	14,000	12
Brust, R.A. Entomology Manitoba	1) Reproductive biology of mosquitoes. 2) Biological control of mosquitoes 3yr - 2nd Inst.	Individual	35,200	18
Bruton, L.T. Electrical Eng. Calgary	Digital and analog filtering 3yr - 2nd Inst.	Individual	38,830	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	Bui de la subvention	Genre	Montant \$	Comité
Bryan, R.B. Geography Toronto	Erodibility of soils and erosion processes in laboratory and badland areas 3yr - 1st Inst.	Individual	18,000	10
Bryant, J.T. Mechanical Eng. Queen's	* Principal investigator H.W.Wevers(Queen's) 3yr - 1st Inst.	Group		13
Bryant, P.R. Electrical Eng. Waterloo	Circuits and systems	Individual	16,300	11
Bryden, M.P. Psychology Waterloo	Perceptual laterality and its relation to handedness and cognitive ability 3yr - 1st Inst.	Individual	26,500	12
Bryman, D. TRIUMF Victoria	IEP-84 - TRIUMF Research Assistants * with J.M.A.Poutissou(E.C.)	Project	27,500	27
Bryman, D. TRIUMF Victoria	IEP-33 - Measurement of Pi-E-Nu branching ratio * with J.M.A.Poutissou(E.C.), A.Olin(Victoria)	Project	15,000	27
Bryman, D.A. TRIUMF Victoria	IEP-53 - Muon Electron Conversion at UVic * with L.P.Robertson(Victoria)	Project	62,500	27
Bryman, D.A. TRIUMF Victoria	* Principal investigator L.P.Robertson(Victoria)	Project		27
Bryman, D.A. TRIUMF Victoria	* Principal investigator P.H.Depommier(Montréal)	Project		27
Bryman, D.A. TRIUMF Victoria	* Principal investigator P.H.Depommier(Montréal)	Project		27
Brzozowski, J.A. Computer Science Waterloo	Algebraic theory of regular languages 3yr - 1st Inst.	Individual	15,492	07
Brzustowski, T.A. Mechanical Eng. Waterloo	Combustion and applied thermodynamics 3yr - 2nd Inst.	Individual	42,900	13
Bubenik, G.A. Zoology Guelph	Endocrinology and trophical processes in deer 3yr - 1st Inst.	Individual	16,800	01
Buchanan, G.W. Chemistry Carleton	Applications of NMR to organic, biochemical and biological problems 3yr - 1st Inst.	Individual	16,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Buchanan-Smith, J.G. Animal/Poultry Sc. Guelph	Evaluation and implication of silage protein in ruminant nutrition 3yr - 3rd Inst.	Individual	16,257	01
Buchanan-Smith, J.G. Animal/Poultry Sc. Guelph	* Principal investigator M.Moo- Young(Waterloo) 3yr - 2nd Inst.	Co-op		21
Buckland, R.B. Animal Science Macdonald Coll.	Effect of selection for fertility of frozen chicken semen on spermatozoa physiology 3yr - 2nd Inst.	Individual	15,400	01
Buckley, A.G. Mathematics Concordia	Gradient methods of minimization and nonlinear programming 3yr - 1st Inst.	Individual	11,000	07
Buckley, J.T. Biochem./Microbiol. Victoria	Nature, secretion and mode of interaction of Vibrionaceae toxins with eucaryotic membranes 3yr - 3rd Inst.	Individual	21,740	02
Buckmaster, H.A. Physics Calgary	EPR of S-state transition group and lanthanide ions and of biological materials 3yr - 2nd Inst.	Individual	23,100	15
Budd, K. Biology Queen's	Studies on the physiology of algae and fungi	Individual	11,000	03
Budney, D.R. Mechanical Eng. Alberta	Phototelastic applications/flow birefringence	Individual	10,000	13
Buggeln, R.G. Mar. Sc. Res. Lab Memorial	Translocation and source-sink relationships in Laminariales & Fuciales 3yr - 1st Inst.	Individual	16,000	03
Buhr, R.J.A. Sys Eng/Comp Sci. Carleton	Distributed computing systems	Individual	14,000	07
Bui, A.T. Mathematics British Columbia	Free boundary problems 3yr - 3rd Inst.	Individual	6,284	16
Bui, R.T. Sc. appliquées Qué-Chicoutimi	Opération optimale des processus industriels; application aux systèmes énergétiques 3ans - 3ième vers.	Individuelle	7,609	20
Bui, T.D. Computer Science Concordia	Development and implementation of A-stable and L-stable methods for the numerical solution of extremely stiff differential equations 3yr - 2nd Inst.	Individual	11,220	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Buie, R.N. Biometrics Toronto	Studies in continuous time programming	Individual	6,000	07
Bui-Quoc, T. Génie mécanique Ecole Polytech.	* Chercheur principal A.Bazergui(Ecole Poly.) 3ans - 3ième vers.	Groupe		13
Bulcock, J.W. Education Alberta	Collinearity reduced normalization ridge regression estimation	Individual	500	14
Bullen, P.S. Mathematics British Columbia	Non-absolute integrals; inequalities 3yr - 2nd Inst.	Individual	3,815	16
Bulman-Fleming, S.D. Mathematics Wilfrid Laurier	Flatness in varieties of universal algebras, and selected other topics 3yr - 2nd Inst.	Individual	1,650	16
Bunce, N.J. Chemistry Guelph	Mechanisms of photochemical and free radical reactions in solution 3yr - 3rd Inst.	Individual	14,977	05
Buncel, E. Chemistry Queen's	Dynamic aspects of organic chemistry 3yr - 1st Inst.	Individual	40,000	05
Bunge, M.I. Mathematics McGill	Categories and toposes 3yr - 2nd Inst.	Individual	5,086	16
Bunnell, F.L. Forestry British Columbia	Foraging theory for ruminants 3yr - 2nd Inst.	Individual	24,200	18
Bunt, R.B. Computer Science Saskatchewan	Adaptive algorithms for resource allocation	Individual	15,000	07
Bunting, B.T. Geography McMaster	Dynamics of organic matter in burned-over soils, central Ontario	Individual	6,000	03
Bunting, J.W. Chemistry Toronto	Enzymic and non-enzymic reactions of nitrogen heterocycles 3yr - 3rd Inst.	Individual	18,600	05
Bures, J. Génie-physique Ecole Polytech.	Application de l'optique moderne en: 1) Spectroscopie de corrélation 2) Photosensibilité dans les fibres optiques 3ans - 1er vers.	Individuelle	3,000	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Burgess, W.D. Mathematics Ottawa	1) Iterated Pierce sheaf techniques applied to endomorphism rings and to group rings 2) Injectivity of modules over Dedekind domains and self-injectivity of commutative regular rings 3yr - 3rd Inst.	Individual	4,190	16
Burke, D.G. Physics McMaster	Nuclear reaction studies on heavy nuclei 3yr - 2nd Inst.	Individual	28,600	22
Burke, D.G. Physics McMaster	* Principal investigator J.A.Kuehner (McMaster)	Co-op		22
Burke, M.D. Math/Statistics Calgary	Statistical analysis of biometric estimators for survival data 3yr - 1st Inst.	Individual	3,810	14
Burke, P.E. Electrical Eng. Toronto	Induction and travelling wave theory and applications 3yr - 2nd Inst.	Individual	20,790	11
Burke, R.D. Biology Victoria	The induction of metamorphosis in echinoids 3yr - 2nd Inst.		16,000	01
Burkowski, F.J. Computer Science Manitoba	A multi-user data flow architecture	Individual	10,000	07
Burnell, E.E. Chemistry British Columbia	Nuclear magnetic resonance studies of oriented molecules and ordered fluids 3yr - 3rd Inst.	Individual	14,373	05
Burney, J.R. Bio-Res. Eng. Tech Univ N.S.	Laboratory evaluation of land applied manure disposal 3yr - 2nd Inst.	Individual	8,800	04
Burns, C.M. Chemical Eng. Waterloo	Properties of polymers. Compatibility, permeability, surface properties and adhesion 3yr - 1st Inst.	Individual	13,900	04
Burns, D.J. Mechanical Eng. Waterloo	Pressure vessel design, jet cutting and plastic gears 3yr - 3rd Inst.	Individual	30,195	13
Burns, G. Chemistry Toronto	Kinetics of fast chemical reactions in the gas phase	Individual	24,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Burns, G. Chemistry Toronto	Archaeological chemistry: Computational, physical and analytical chemistry applied to archaeological and ecological problems in Upper Egypt * with J.M.Deckers(Toronto)	Co-op	11,000	21
Burns, R.G. Mathematics York	Amalgamated and free products of groups; lattice varieties generated by the normal subgroup lattices of groups 3yr - 1st Inst.	Individual	4,666	16
Burns, R.N. Combin./Optimiz. Waterloo	1) Manpower shift scheduling 2) Design and analysis of scheduling methods 3yr - 2nd Inst.	Individual	24,200	20
Burnside, E.D. Animal/Poultry Sc. Guelph	Eco-genetic management packages for the dairy farmer 3yr - 3rd Inst.	Individual	17,350	01
Burr, A.H. Biology Sciences Simon Fraser	Mechanism of phototoxis in nematodes 3yr - 3rd Inst.	Individual	3,623	02
Burris, S.N. Pure Mathematics Waterloo	Structure questions, decidability questions and applications of universal algebra 3yr - 1st Inst.	Individual	12,442	16
Burt, J.A. Physics York	Photoacoustic methods 3yr - 1st Inst.	Individual	9,990	15
Burt, M.D.B. Biology New Brunswick	Systematics, phylogeny, development, and functional morphology of platyhelminthes 3yr - 2nd Inst.	Individual	17,600	01
Burntack, L.D. Chemistry British Columbia	A circular polarization of luminescence investigation of actin and its accessory proteins 3yr - 3rd Inst.	Individual	11,000	05
Burton, D. Junior Studies Memorial	Teleost chromatics with particular reference to winter flounder <i>Pseudopleuronectes americanus</i> 3yr - 3rd Inst.	Individual	6,897	01
Burton, D.N. Microbiology Manitoba	Mechanisms and control of lipid metabolism 3yr - 2nd Inst.	Individual	16,500	02
Burton, R.T. Mechanical Eng. Saskatchewan	Hydraulic and fluid power systems 3yr - 2nd Inst.	Individual	9,900	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Burwash, R.A. Geology Alberta	Uranium and thorium in crystalline rocks of the western shield 3yr - 2nd Inst.	Individual	13,750	10
Bury, K.V. Mechanical Eng. British Columbia	Decision analysis in engineering design 3yr - 3rd Inst.	Individual	2,416	20
Busch, L.V. Environ. Biology Guelph	Cause of foliar symptoms in plants infected with Verticillium dahliae 3yr - 2nd Inst.	Individual	11,000	03
Bush, M.J. Mechanical Eng. Calgary	Energy analysis	Individual	9,500	13
Bushnell, G.W. Chemistry Victoria	X-ray crystallography 3yr - 1st Inst.	Individual	10,000	05
Bushuk, W. Plant Science Manitoba	Physiocochemical studies of wheat proteins in relation to their function in breadmaking	Individual	37,000	03
Bussey, A.H. Biology McGill	Specific cell surface interactions in yeast 3yr - 3rd Inst.	Individual	30,195	02
Bustin, R.M. Geological Sciences British Columbia	Structure, sedimentology and coal petrology of cretaceous coal measures in the Eastern Canadian Cordillera	Individual	11,500	10
Butler, E.E. Psychology Queen's	Stimulus identification and localization in visual information-processing 3yr - 2nd Inst.	Individual	13,090	12
Butler, D.G. Zoology Toronto	Hormonal control of water and electrolyte metabolism in aquatic vertebrate animals 3yr - 3rd Inst.	Individual	34,713	01
Butler, D.N. Chemistry York	Studies in synthetic organic and organometallic chemistry	Individual	8,000	05
Butler, G.J. Mathematics Alberta	Differential equations in Banach spaces; Predator-prey systems; Periodic solutions 3yr - 2nd Inst.	Individual	10,723	16
Butler, I.S. Chemistry McGill	Synthetic, kinetic, and spectroscopic studies on coordination compounds 3yr - 2nd Inst.	Individual	27,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Buxton, W.A.S. Computer Science Toronto	Tools and methodologies in human-computer interaction	Individual	6,000	07
Buzacott, J.A. Industrial Eng. Toronto	Contributions to industrial engineering and operational research 3yr - 1st Inst.	Individual	26,000	20
Byard, E.H. Biology Winnipeg	Vitellogenic proteins in the crayfish, <i>Orconectes virilis</i> 3yr - 3rd Inst.	Individual	7,247	02
Byer, P.H. Civil Engineering Toronto	Optimal preparation and separation of solid wastes for resource recovery 3yr - 2nd Inst.	Individual	9,900	06
Byerley, J.J. Chemical Eng. Waterloo	1) Physical chemistry of hydrometallurgical leaching reactions 2) Recycle and treatment of hydrometallurgical effluents using electrochemical/ion exchange methods 3yr - 2nd Inst.	Individual	16,115	04
Byrne, P.M. Civil Engineering British Columbia	Analytical methods in soil & soil-structure interaction problems 3yr - 2nd Inst.	Individual	15,950	10
Cabana, A. Chimie Sherbrooke	1) Spectroscopie infrarouge à haute résolution (0.01 à 0.05 cm ⁻¹) 2) Spectroscopie infrarouge et Raman de cristaux moléculaires 3ans - 3ième vers.	Individuelle	35,751	05
Cabilio, P. Mathematics Acadia	1) Sequential allocation and stopping in estimation & choosing the best population 2) Measures of variation in rank scores 3yr - 2nd Inst.	Individual	2,508	14
Cade, W.H. Biolog. Sciences Brock	Sexual selection and reproductive behaviour in acoustical insects 3yr - 3rd Inst.	Individual	9,059	18
Cafarelli, E. Physical Education York	Studies of the sensory process during muscular exercise in man 3yr - 3rd Inst.	Individual	7,951	01
Cahoon, J.R. Mechanical Eng. Manitoba	1) Mechanical properties of castings and two-phase composites 2) The nature of oxide films on alloys containing chromium 3yr - 3rd Inst.	Individual	12,368	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Caille, A. Physique Sherbrooke	Etudes théoriques des quasi- unidimensionnels et physique des biomembranes 3ans - 1er vers.	Individuelle	21,800	15
Cain, D.P. Psychology Western Ontario	Kindling: Studies in neural plasticity 3yr - 2nd Inst.	Individual	13,090	12
Caines, P.E. Electrical Eng. McGill	Adaptive control of stochastic systems	Individual	18,600	11
Calder, P.N. Mining Eng. Queen's	Detection of loose ground near underground openings	Individual	8,000	10
Caldwell, W.G.E. Geological Sciences Saskatchewan	Biostratigraphic studies in the cretaceous system of Western Canada 3yr - 1st Inst.	Individual	23,000	10
Caley, W.F. Mining/Metallurgy Tech Univ N.S.	1) Changes in sulphide morphology of coal under controlled coking conditions 2) Slag-metal-refractory equilibria in pyrometallurgical reactions 3yr - 1st Inst.	Individual	10,400	04
Calisal, S.M. Mechanical Eng. British Columbia	Hydrodynamics of vertical cylinders	Individual	11,500	13
Calkin, M.G. Physics Dalhousie	Electrodynamics and quantum mechanics 3yr - 1st Inst.	Individual	1,300	15
Callahan, T.H. Mathematics Toronto	Automorphic L-series: traffic flows 3yr - 2nd Inst.	Individual	2,967	16
Calon, T.J. Geology Memorial	Structural studies of ophiolites and associated rocks	Individual	9,000	10
Calvert, S.E. Oceanography British Columbia	Geochemistry of trace metals in recent marine sediments	Individual	18,000	10
Calvert, T.W. Kinesiology Simon Fraser	Human movement and performance: Linguistic and systems studies 3yr - 1st Inst.	Individual	8,550	01
Camarero, R. Mathématiques appl. Ecole Polytech.	Méthodes numériques en thermofluide 3ans - 2ième vers.	Individuelle	9,900	13
Cameron, J.A. Physics McMaster	Hyperfine interactions and nuclear structure 3yr - 1st Inst.	Individual	25,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cameron, J.A. Physics McMaster	* Principal investigator J.A.Kuehner(McMaster)	Co-op		22
Cameron, J.M. Physics Alberta	IEP-55 - Study of (p,gamma) reactions * with R.Abegg, D.A.Hutcheon,P.Kitching, W.J.McDonald,C.A.Miller, G.M.Stinson(Alberta), Y.M.Shin(Sask.)	Project	40,300	27
Cameron, J.M. Physics Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Cameron, J.M. Physics Alberta	* Principal investigator G.A.Moss(Alberta)	Project		27
Cameron, J.M. Physics Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Cameron, J.M. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
Cameron, J.M. Physics Alberta	* Principal investigator D.M.Sheppard(Alberta)	Group		22
Cameron, J.M. Physics Alberta	* Principal investigator G.Roy(Alberta) 3yr - 2nd Inst.	Co-op		27
Cameron, T.S. Chemistry Dalhousie	X-ray and structural studies of medium ring compounds; the P-N bond length; the co-ordination spheres about IA and IIA metals and of certain tellurium compounds 3yr - 2nd Inst.	Individual	25,300	05
Camire, C. Pédologie/écologie Laval	Cycle de l'azote chez l'aune rugueux (Alnus rugosa) et effets sur le milieu édaphique et la nutrition d'une plante associée 3ans - 1er vers.	Individuelle	9,000	03
Campanella, R.G. Civil Engineering British Columbia	Insitu testing of soil for foundation analyses and design 3yr - 1st Inst.	Individual	16,500	06
Campbell, C.K. Elec. & Comp. Eng. McMaster	Surface acoustic wave (SAW) materials and devices for communications applications 3yr - 2nd Inst.	Individual	44,770	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Campbell, F.A. Geology & Geophys. Calgary	Geochemistry, mineralogy, and isotope studies of rocks and ores 3yr - 2nd Inst.	Individual	15,950	10
Campbell, I.A. Geography Alberta	Runoff sediment yields and partial area contributions in a badlands drainage basin	Individual	8,000	10
Campbell, I.H. Earth/Planet. Sci. Toronto	Nickel activity in silicate liquids	Individual	15,000	10
Campbell, I.H. Earth/Planet. Sci. Toronto	* Principal investigator J.Gittins(Toronto) 2yr - 1st Inst.	Co-op		10
Campbell, J.L. Physics Guelph	Metal defect studies, inner- shell atomic physics and trace element analysis, using nuclear techniques 3yr - 3rd Inst.	Individual	29,205	15
Campbell, J.L. Physics Guelph	* Principal investigator J.J.Simpson(Guelph)	Co-op		22
Campbell, J.N. Microbiology Alberta	Synthesis and activation of cell- associated precursors of exocellular enzymes in pseudomonas sp 3yr - 1st Inst.	Individual	18,000	02
Campbell, L.D. Animal Science Manitoba	Energy utilization in poultry 3yr - 3rd Inst.	Individual	10,218	01
Campbell, L.L. Math/Statistics Queen's	Information and communication theory 3yr - 2nd Inst.	Individual	13,564	16
Campbell, P.G.C. INRS-Eau Québec-INRS	Influence de différentes formes de métaux traces sur l'activité hétérotrophe de la microflore aquatique	Individuelle	12,000	21
Campbell, T.I. Civil Engineering Queen's	Inelastic response of horizontally-curved continuous prestressed concrete beams 3yr - 3rd Inst.	Individual	12,682	06
Canne, J.M. Botany & Genetics Guelph	Systematic studies in the Scrophulariaceae, Compositae and Labiateae 3yr - 3rd Inst.	Individual	14,494	18
Cannon, W.H. Physics York	Applications of long baseline interferometry to geodesy, geophysics, and planetary dynamics 3yr - 2nd Inst.	Individual	29,150	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Canonne, P. Chimie Laval	L'utilisation des Dibromomagnesiolalkanes en synthèse organique	Individuelle	13,000	05
Cantwell, F.F. Chemistry Alberta	Liquid chromatography and solvent extraction	Individual	17,000	05
Carvin, D.T. Biology Queen's	1) Photosynthesis, photorespiration and nitrogen assimilation in plants 2) Lipid metabolism in plants 3yr - 1st Inst.	Individual	62,000	03
Capjack, C.E. Electrical Eng. Alberta	Computer simulation of plasma behavior 3yr - 1st Inst.	Individual	12,050	15
Caplan, H.S. Physics Saskatchewan	Electromagnetic production of pions 3yr - 2nd Inst.	Individual	34,100	22
Capri, A.Z. Physics Alberta	Solutions in quantum field theory 3yr - 2nd Inst.	Individual	11,055	15
Capuano, G.A. Chimie Qué-Montréal	Revêtements métalliques d'aluminium à partir d'électrolytes organiques * avec A.Hade,H.Antoun(Qué.-Mont.) 3ans - 1er vers.	Groupe	13,000	04
Caradus, S.R. Math/Statistics Queen's	Wiener-Hopf equations in positron imaging problems 3yr - 1st Inst.	Individual	1,944	16
Caramanlian, C. Civil Engineering Toronto	A conforming solution to the curved plate bending problem 3yr - 3rd Inst.	Individual	9,662	06
Carballada, L. Sc. appliquées Qué-Chicoutimi	Réseau d'irrigation avec déversoir latéral 3ans - 3ième vers.	Individuelle	10,870	06
Carbone, R. Opér./syst. de déc Laval	Adaptive univariate and multivariate time series analysis via AEP	Individuelle	5,000	21
Carbotte, J.P. Physics McMaster	Studies in theory of metals 3yr - 2nd Inst.	Individual	35,970	15
Card, H.C. Electrical Eng. Manitoba	Semiconductor interfaces: Electronic properties and device applications	Individual	21,000	11
Cardinal, A. Aménagement Montréal	Modélisation, simulation et évaluation de la consommation énergétique de différentes options d'aménagement	Individuelle	10,000	21

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cardinal, A. Biologie Laval	Production végétale marine dans l'estuaire du Saint-Laurent 3ans - 2ième vers.	Individuelle	17,600	18
Cardou, A. Génie mécanique Laval	Calcul de la résistance et de la flexibilité des dents d'engrenages par la méthode des équations intégrales	Individuelle	7,000	13
Carefoot, T.H. Zoology British Columbia	Nutrition and feeding preferences of marine invertebrate herbivores 3yr - 2nd Inst.	Individual	17,600	18
Carette, J.D. Physique Laval	Diffusion des électrons par la matière en phase gazeuse et condensée 3ans - 2ième vers.	Individuelle	25,982	15
Carey, T.T. Comp. & Info. Sc. Guelph	* Principal investigator R.E.A. Mason (Guelph)	Group		07
Cargill, T.A. Computer Science Waterloo	Management of the source text of large software systems	Individual	9,000	07
Carleton, T.J. Forestry Toronto	The population ecology of some forest plants in Ontario 3yr - 2nd Inst.	Individual	7,700	18
Carlone, C. Physique Sherbrooke	La dépendance des spectres Raman sous pression	Individuelle	10,850	15
Carlson, J.C. Biology Waterloo	Studies on LH release and CL regression in the rat and rabbit 3yr - 3rd Inst.	Individual	11,305	01
Carmichael, C.M. Geophysics Western Ontario	Geomagnetism 3yr - 2nd Inst.	Individual	11,550	10
Carmichael, D.M. Geological Sciences Queen's	Metamorphic studies in Canada 3yr - 1st Inst.	Individual	19,180	10
Carmichael, J.P. Mathématiques Laval	La méthode autorégressive en statistique nonparamétrique 3ans - 2ième vers.	Individuelle	1,725	14
Carmichael, J.W. Bacteriology Alberta	Taxonomy and ecology of fungi 3yr - 1st Inst.	Individual	15,000	03
Carmody, G.R. Biology Carleton	Genetic variation in natural animal populations	Individual	8,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Carnegie, R. Physics Carleton	Project 3.1 * with A.L.Carter, E.P.Hincks, C.K.Hargrove(Carleton)	Project	110,000	23
Carnegie, R. Physics Carleton	Project 2.16 * with C.K.Hargrove(Carleton)	Project	106,500	23
Carnegie, R.K. Physics Carleton	* Principal investigator J.D.Prentice(Toronto)	Project		23
Carnegie, R.K. Physics Carleton	Project 76.02 * with G.Luste(Toronto)	Project	75,000	23
Carolan, J.F. Physics British Columbia	Experimental studies of anisotropic conductors 3yr - 3rd Inst.	Individual	17,779	15
Caron, L.G. Physique Sherbrooke	Matière organique condensée 3ans - 1er vers.	Individuelle	17,150	15
Carr, J. Electrical Eng. Waterloo	Instrumentation and simulation for power systems 3yr - 2nd Inst.	Individual	9,515	11
Carreau, P.J. Génie chimique Ecole Polytech.	Hydrodynamique appliquée aux systèmes polymériques 3ans - 2ième vers.	Individuelle	16,115	04
Carrell, J.E. Mathematics British Columbia	Problems on vector fields and group actions 3yr - 1st Inst.	Individual	14,700	16
Carrington, T. Chemistry York	* Principal investigator S.V.Filseth(York) 3yr - 3rd Inst.	Group		05
Carroll, J.M. Computer Science Western Ontario	Automatic indexing by statistical modelling 3yr - 2nd Inst.	Individual	13,420	07
Carroll, R.L. Redpath Museum McGill	Evolution and functional anatomy of Paleozoic and Early Mesozoic reptiles 3yr - 2nd Inst.	Individual	38,500	10
Carswell, A.I. Physics York	Laser diagnostics of the atmosphere 3yr - 2nd Inst.	Individual	36,795	15
Carter, A. Soil Science British Columbia	Roles of soil organisms in heavy metal dynamics and in decomposition 3yr - 2nd Inst.	Individual	6,600	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Carter, A.L. Physics Carleton	* Principal investigator R.Carnegie(Carleton)	Project		23
Carter, A.L. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Carter, A.L. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Carter, A.L. Physics Carleton	IEP-94 - Salary Support (Muon Electron Conversion) * with D.Kessler,E.P.Hincks, C.K.Hargrove(Carleton)	Project	40.000	27
Carter, A.L. Physics Carleton	IEP-53 - Muon Electron Conversion * with D.Kessler, E.P.Hincks, C.K.Hargrove(Carleton)	Project	35.000	27
Carter, C. Mathematics Trent	Modelling of passive solar systems 3yr - 1st Inst.	Individual	3.000	13
Carter, C.R. Elec. & Comp. Eng. McMaster	Search and rescue and position location by utilizing satellite constellations	Individual	12.700	11
Carter, E.M. Math/Statistics Guelph	1) Multivariate analysis of probit data 2) MANOVA problems involving factor scores 3yr - 2nd Inst.	Individual	2.741	14
Carter, J.C.H. Biology Waterloo	1) Zooplankton of St. John River Estuary, N.B. 2) Epipsammic and epipelagic fauna of the Great Lakes 3) Epilithic fauna of the Great Lakes 3yr - 3rd Inst.	Individual	14.494	18
Carter, M.W. Industrial Eng. Toronto	Timetabling & scheduling courses with electives	Individual	6.000	20
Carty, A.J. Chemistry Waterloo	Synthetic and structural studies in inorganic and organometallic chemistry 3yr - 2nd Inst.	Individual	37.400	05
Casleton, W.F. Civil Engineering British Columbia	Use of temporary hydrologic networks 3yr - 2nd Inst.	Individual	11.550	06
Cashion, P.J. Biology New Brunswick	Isolation of fibroin mRNA precursor 3yr - 2nd Inst.	Individual	25.300	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cass, D.D. Botany Alberta	Embryological research of seed plants 3yr - 1st Inst.	Individual	17,000	03
Cass, F.P.A. Mathematics Western Ontario	Summability of series and integrals, algebras of operators, Toeplitz operators 3yr - 3rd Inst.	Individual	4,190	16
Casselman, W.A. Mathematics British Columbia	Automorphic forms and representations 3yr - 2nd Inst.	Individual	16,500	16
Cassidy, C. Mathématiques Laval	La localisation dans les groupes quelconques 3ans - 1er vers.	Individuelle	1,166	16
Castel, E. Physics Queen's	Theoretical investigations in nuclear structure 3yr - 1st Inst.	Individual	20,800	15
Castle, G.S.P. Electrical Eng. Western Ontario	Electrostatic charge effects in aerosols & powders 3yr - 2nd Inst.	Individual	15,400	11
Cavanagh, J.P. Psychologie Montréal	Encoding dimensions of the chrominance channels of the visual system 3ans - 1er vers.	Individuelle	21,000	12
Cavell, R.G. Chemistry Alberta	Preparative and spectroscopic studies of inorganic compounds 3yr - 2nd Inst.	Individual	37,400	05
Caveney, S. Zoology Western Ontario	Intercellular communication in development 3yr - 1st Inst.	Individual	20,000	02
Cavers, P.B. Plant Science Western Ontario	Weed ecology with special emphasis on reproduction and the population dynamics of seeds 3yr - 3rd Inst.	Individual	30,195	18
Cavey, M.J. Ecology Calgary	Form and morphogenesis of the larval ascidian tunic 3yr - 2nd Inst.	Individual	11,000	02
Cawker, K.B. Geography Western Ontario	Fire and vegetation history, Ontario	Individual	7,500	10
Cawthorn, R.J. Veter. Microbiol Saskatchewan	Integrated study of biology and pathogenesis of coccidia in waterfowl, raptors and corvids 3yr - 2nd Inst.		11,000	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cedergren, R.U. Biochimie Montréal	Molecular regulatory mechanisms of nitrogen metabolism and nitrogen fixation in enteric bacteria and cyanobacteria 3ans - 2ième vers.	Individuelle	20,900	02
Cedergren, R.U. Biochimie Montréal	* Chercheur principal D.Sankoff (Montréal) 3ans - 3ième vers.	Coop		02
Cercone, N.U. Computer Science Simon Fraser	Knowledge representation, knowledge organization and data base methodology; natural language understanding 3yr - 1st Inst.	Individual	13,000	07
Ceri, H. Biology Calgary	The molecular basis of cellular adhesions 3yr - 1st Inst.		15,000	02
Cerny, E. Infor. & rech opér. Montréal	Sûreté de fonctionnement et synthèse de systèmes digitaux 3ans - 2ième vers.	Individuelle	10,890	11
Cerny, P. Earth Sciences Manitoba	Mineralogy, petrology, and genesis of granitic pegmatites 3yr - 2nd Inst.	Individual	15,950	10
Chacon, R.V.S. Mathematics British Columbia	Probability and ergodic theory 3yr - 3rd Inst.	Individual	27,932	16
Chacron, M. Mathematics Carleton	Rings with involution 3yr - 2nd Inst.	Individual	8,250	16
Chadwick, J.M.S. Micro/Immunology Queen's	Induction and effector mechanisms of immunity to microbial pathogens in insects - An aspect of developmental and comparative immunology 3yr - 1st Inst.	Individual	20,000	02
Chaffey, C.E. Chemical Eng. Toronto	Rheological characterization of non-Newtonian fluids 3yr - 2nd Inst.	Individual	11,000	04
Chaklader, A.C.D. Metallurgical Eng. British Columbia	Sintering, modelling of refractories, interfacial phenomena between metals and ceramics 3yr - 1st Inst.	Individual	29,000	04
Chakrabarti, C.L. Chemistry Carleton	1) Analytical atomic spectroscopy 2) Ultratrace analysis 3) Metal-organic interactions in the aquatic environment 3yr - 2nd Inst.	Individual	22,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Chakravartty, I.C. Mathematics Trent	The secondary zeta-function and allied problems 3yr - 1st Inst.	Individual	2,944	16
Chalk, J.H.H. Mathematics Toronto	Number-theory and discrete groups	Individual	7,000	16
Challice, C.E. Physics Calgary	The structure, function, and innervation of muscle with particular reference to heart muscle 3yr - 3rd Inst.	Individual	21,861	01
Chamberlain, S.G. Electrical Eng. Waterloo	1) Solid-state photodetectors, imaging arrays, scanners and their applications to integrated circuit subsystems. 2) Device theory, design, characterization and modelling of modern semiconductor devices and their applications to integrated circuits and electronic systems 3yr - 1st Inst.	Individual	38,900	11
Champness, C.H. Electrical Eng. McGill	Electronic and optical properties of tellurium, selenium and other semiconductors 3yr - 1st Inst.	Individual	17,100	11
Chan, A.C. Foods/Nutrition Manitoba	Prostaglandin and prostacyclin metabolism in platelet and skeletal muscle from vitamin E depleted and repleted rabbits 3yr - 2nd Inst.	Individual	9,900	02
Chan, L.K. Mathematics Manitoba	1) Estimation of reliability 2) Estimation of functional and structural relationships 3yr - 2nd Inst.	Individual	7,049	14
Chan, T.H. Chemistry McGill	Chemistry of organosilicon, phosphorus and sulfur compounds	Individual	29,000	05
Chan, W.C. Electrical Eng. Calgary	1) Optimal control and design of telecommunication systems. 2) Control of power systems	Individual	8,400	11
Chanasyk, D.S. Soil Science Alberta	The distribution of soil moisture as affected by vegetative cover type 3yr - 2nd Inst.	Individual	14,850	03
Chandna, D.P. Mathematics Windsor	Electromagnetofluid dynamics and solutions of navier-stokes equations 3yr - 1st Inst.	Individual	9,332	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Chandra, R. School of Admin. New Brunswick	* Principal investigator K.P.K.Nair(N.E.) 3yr - 2nd Inst.	Group		07
Chandrashekar, M. Systems Design Waterloo	Models for computer aided design of solar energy systems and thermodynamic networks	Individual	9,500	13
Chang, C.Y. Architecture Tech Univ N.S.	Thin-plate space structures using skew-polyhedron as basic units 3yr - 2nd Inst.	Individual	9,350	06
Chang, E.J.H. Computer Science Victoria	Decentralized control in distributed systems; computer assisted learning	Individual	10,000	07
Chang, J.S. Eng. Physics McMaster	Applied electrostatics and two- phase flow	Individual	23,100	11
Chang, K.S. Chemical Eng. Waterloo	Modelling, identification, optimization, and computer control of chemical processes 3yr - 1st Inst.	Individual	18,000	04
Chang, K.W. Math/Statistics Calgary	Differential equations with emphasis on singular perturbation problems 3yr - 3rd Inst.	Individual	6,284	16
Chang, S.C. Mathematics Brock	Mu-uniqueness and distinguished subspaces 3yr - 2nd Inst.	Individual	1,430	16
Chanson, S.T. Computer Science British Columbia	Adaptive load management in combined batch-interactive computer system	Individual	13,500	07
Chant, D.A. Zoology Toronto	Systematics and population ecology of mites of the family Phytoseiidae (Acarina) 3yr - 1st Inst.	Individual	25,000	18
Chanut, J.P. Océanographie Québec-Rimouski	Analyse conjointe de plusieurs tableaux de données et dualité 3ans - 1er vers.	Individuelle	6,000	18
Chao, G.Y. Geology Carleton	1) Descriptive, comparative and structural studies of minerals from Mont St-Hilaire, Quebec 2) Phase relations in the system Pt- Pd-Te-Sb	Individual	10,400	10
Chapados, C. Photobiophysique Qué.-Trois-Riv	Etude par spectroscopie moléculaire des interactions intermoléculaires 3ans - 3ième vers.	Individuelle	7,730	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Chapco, W. Biology Regina	The genetics of grasshoppers 3yr - 2nd Inst.	Individual	6,600	02
Chapleau, R. Génie civil Ecole Polytech.	Evaluation de la productivité opérationnelle d'une configuration de réseau de transport en commun 3ans - 1er vers.	Individuelle	9,000	06
Chapman, A.E. Kinesiology Simon Fraser	Biomechanical factors as indicators of limitations of performance 3yr - 3rd Inst.	Individual	8,406	01
Chapman, A.R.D. Biology Dalhousie	Determinants of productivity and structure in seaweed populations 3yr - 1st Inst.	Individual	17,000	18
Chapman, C.H. Physics Toronto	Seismic body wave theory 3yr - 1st Inst.	Individual	35,000	10
Chapman, G.R. Math/Statistics Guelph	Calculations of cohomology rings 3yr - 2nd Inst.	Individual	3,815	16
Charalambous, C. Electrical Eng. Concordia	Computer-aided circuits and systems design 3yr - 2nd Inst.	Individual	17,820	11
Charbonneau, C. Psychologie Sherbrooke	* Chercheur principal M. Robert (Montréal) 3ans - 2ième vers.	Groupe		12
Charette, A. Sc. appliquées Qué-Chicoutimi	1) Etude du transfert de chaleur à haute température (projet en cours) 2) Traitement d'une magnétite à faible teneur en composés de valeur, dont l'alumine (nouveau projet) 3ans - 1er vers.	Individuelle	7,400	04
Chari, T.R. Engineering Memorial	1) Model studies of iceberg scour 2) Geotechnical properties of surficial ocean sediments 3) In-situ testing with a free fall penetrometer 3yr - 3rd Inst.	Individual	14,494	06
Charles, A.M. Biology Waterloo	Enzymes of oxalacetate metabolism in facultative thiobacilli 1) Purification and characterization of PEP carboxylase 2) Studies on citrate synthase 3yr - 1st Inst.	Individual	12,500	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Charles, M.E. Chem Eng/App Chem Toronto	Flow of complex systems 3yr - 1st Inst.	Individual	22,000	04
Charlesworth, H.A.K. Geology Alberta	Structural study of coal-bearing and adjacent strata, Rocky Mountain Foothills, central Alberta	Individual	6,000	10
Charlton, J.L. Chemistry Manitoba	Studies in photochemical kinetics. Synthesis of xanthocyclines 3yr - 1st Inst.	Individual	8,000	05
Charness, N.H. Psychology Waterloo	Aging and components of problem solving 3yr - 2nd Inst.	Individual	6,600	12
Charpentier, G. Chimie - biologie Qué.-Trois-Riv	Recherche des entomopathogènes de mouches noires (simuliidae) et essais de contrôles de populations en laboratoire dans un but de lutte biologique	Individuelle	9,000	01
Charrier, J.M. Chemical Eng. McGill	Processing and engineering properties of polymeric systems 3yr - 3rd Inst.	Individual	12,368	04
Chase, R. Biology McGill	Studies of olfaction and nervous development in a molluscan model 3yr - 3rd Inst.	Individual	17,978	01
Chatt, A. Chemistry Dalhousie	Development of nuclear analytical methods for trace elements	Individual	18,000	05
Chatterjee, R. Physics Calgary	Theoretical study of the paramagnetic behaviour of transition and rare earth group ions 3yr - 3rd Inst.	Individual	7,609	15
Chatterton, B.D.E. Geology Alberta	Taxonomic, paleoecologic, biostratigraphic and biogeographic studies of Paleozoic faunas of western and northern Canada, with concentration on conodonts and trilobites 3yr - 1st Inst.	Individual	20,000	10
Chaturvedi, M.C. Mechanical Eng. Manitoba	Thermomechanical working of two phase alloys 3yr - 3rd Inst.	Individual	19,615	04
Chau, W.Y. Physics Queen's	Gravitational radiation, close binary systems, relativistic astrophysics 3yr - 2nd Inst.	Individual	18,700	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Chaubey, Y.P. Mathematics Concordia	Various procedures of estimating variance components; applications and efficiencies 3yr - 1st Inst.	Individual	3,270	14
Chaudhuri, S.K. Electrical Eng. Waterloo	Time domain techniques for radar target mapping 3yr - 2nd Inst.	Individual	8,910	11
Chavarie, C. Génie chimique Ecole Polytech.	Modélisation des réacteurs à couches fluidisées 3ans - 1er vers.	Individuelle	12,400	04
Chavez, E.R. Animal Science Macdonald Coll.	Trace mineral interactions and plasma glutathione peroxidase as an index of selenium status 3yr - 3rd Inst.	Individual	8,455	01
Chee, S.P. Civil Engineering Windsor	Hydraulics of ice-covered channels 3yr - 1st Inst.	Individual	15,000	06
Cheeke, J.D.N. Physique Sherbrooke	Ultrasons à basse température 3ans - 1er vers.	Individuelle	30,170	15
Chen, B.H. Chemical Eng. Tech Univ N.S.	Development of wire mesh screen for chemical engineering applications; modelling of water pollution 3yr - 1st Inst.	Individual	12,400	04
Chen, I.N. Computer Science Alberta	Computer local network	Individual	9,000	07
Chen, T.T. Biology McMaster	Biochemical analysis of the mechanism of hormone-controlled gene expression in eukaryotes 3yr - 2nd Inst.	Individual	14,300	02
Cheneval, J.P. Sciences biolog. Qué-Montréal	* Chercheur principal J.Kalff(McGill) 3ans - 3ième vers.	Coop		18
Chenevert, R. Chimie Laval	Biomimetisme	Individuelle	8,000	05
Cheng, K.C. Mechanical Eng. Alberta	Studies of convective heat transfer problems in cold region 3yr - 2nd Inst.	Individual	31,350	13
Cheng, K.M. Poultry Science British Columbia	Genetic and behavioural interactions in the process of domestication	Individual	8,000	01
Cheng, R.M.H. Mechanical Eng. Concordia	Applied research in fluid control & automation 3yr - 1st Inst.	Individual	24,000	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cheng, S.C. Mechanical Eng. Ottawa	An investigation of the fundamental mechanisms of transition boiling 3yr - 2nd Inst.	Individual	18,150	13
Cheng, S.W.H. Statistics Manitoba	1) Statistical inference based on order statistics. 2) Parametric inference of mixed or compound distributions and application to reliability 3yr - 1st Inst.	Individual	1,980	14
Cherchas, D.E. Mechanical Eng. Toronto	Multivariable control using microprocessors 3yr - 2nd Inst.	Individual	12,650	13
Cheriton, D.R. Computer Science British Columbia	Distributed system design principles and techniques	Individual	15,000	07
Cherry, J.A. Earth Sciences Waterloo	Migration of contaminants and environmental isotopes in shallow groundwater flow systems 3yr - 2nd Inst.	Individual	22,825	10
Cherry, S. Civil Engineering British Columbia	Topics in earthquake engineering: 1) Seismic hazard evaluation of existing buildings 2) Minimum seismic requirements for masonry walls 3) Earthquake response based on energy absorption 4) Earthquake isolation systems for mechanical systems 5) Response of submerged structures to seismic motions 3yr - 3rd Inst.	Individual	13,286	06
Chesworth, W. Land Resource Sc Guelph	Weathering of igneous rocks 3yr - 2nd Inst.	Individual	12,650	10
Cheung, T.Y. Computer Science Ottawa	Application of optimization methods to database design and distributed data processing 3yr - 3rd Inst.	Individual	16,909	07
Chevalier, G. Sciences biolog. Qué-Montréal	Cytologie et histologie du système caudal neurosécréteur	Individuelle	9,000	02
Chia, C.Y. Civil Engineering Calgary	Nonlinear analysis of composite plates 3yr - 1st Inst.	Individual	14,000	13
Chia, F.S. Zoology Alberta	Comparative studies of settlement and metamorphosis of marine invertebrate larvae 3yr - 2nd Inst.	Individual	38,500	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Chieh, P.C. Chemistry Waterloo	Crystallography and the study of dithio acid functional group 3yr - 1st Inst.	Individual	19,000	05
Childs, R.F. Chemistry McMaster	Carbonium ions and Lewis acid complexes: Photochemical and thermal rearrangements 3yr - 3rd Inst.	Individual	27,297	05
Childs, R.F. Chemistry McMaster	Structural studies of carbenium ion salts + with C.A.Fyfe(Guelph), C.J.L.Lock(McMaster)	Co-op	21,000	05
Chin, F. Computer Science Alberta	1) The design of statistical database system 2) Query processing of distributed database systems	Individual	16,000	07
Chin, S.L. Physique Laval	Multiphoton interactions	Individuelle	16,000	15
Chinnappa, C.C. Biology Calgary	Biosystematic studies on evolutionary strategies and patterns of variation 3yr - 2nd Inst.	Individual	14,300	18
Chipman, F.H. Mathematics Acadia	1) An integration package for the numerical solution of initial value problems 2) Fitting biological growth curves 3yr - 3rd Inst.	Individual	1,812	07
Chivers, T. Chemistry Calgary	Synthetic, structural and electrochemical studies of sulphur-nitrogen compounds 3yr - 2nd Inst.	Individual	25,300	05
Cho, C.M. Soil Science Manitoba	Investigation on the kinetics and mechanisms of denitrification in soil 3yr - 2nd Inst.	Individual	16,720	03
Cho, H.R. Physics Toronto	A theoretical study of cumulus parameterization 3yr - 2nd Inst.	Individual	19,800	17
Choe, T.H. Mathematical Sci. McMaster	Universal compact algebras and ordered topological spaces 3yr - 3rd Inst.	Individual	4,190	16
Choi, M.D. Mathematics Toronto	Positivity and matrix algebras 3yr - 1st Inst.	Individual	19,441	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Choksi, J.R. Mathematics McGill	1) Ergodic measurable and measure preserving transformations 2) Automorphisms of homogeneous measure algebras 3yr - 2nd Inst.	Individual	10,173	16
Cholette, A. Génie chimique Laval	Recherche en agitation, avec ou sans réaction chimique 3ans - 3ième vers.	Individuelle	10,870	04
Cholette, C. Sciences pures Qué-Chicoutimi	* Chercheur principal G.Gallagher(Qué.-Chicoutimi) 3ans - 1er vers.	Groupe		13
Chong, C. Plant Science Macdonald Coll.	Glucosinolate variation in cruciferous vegetables	Individual	10,000	03
Chong, D.P. Chemistry British Columbia	Research in quantum chemistry 3yr - 1st Inst.	Individual	23,500	05
Choplin, L. Génie chimique Laval	1) Recouvrement libre par des fluides viscoélastiques 2) Rhéologie de la fermentation 3ans - 1er vers.	Individuelle	8,900	04
Chornet, E. Génie chimique Sherbrooke	Effets d'orientation, de dispersion et de ligand sur l'activité et la sélectivité des métaux de transition dans les réactions Fisher-Tropsch 3ans - 3ième vers.	Individuelle	17,193	04
Chow, A. Chemistry Manitoba	The analytical uses of polyurethane foam 3yr - 1st Inst.	Individual	9,000	05
Chow, C.T.C. Microbiology Manitoba	Regulatory mechanisms of translation and transcription in phototrophic bacteria 3yr - 2nd Inst.	Individual	16,500	02
Chow, Y.L. Chemistry Simon Fraser	Mechanistic and synthetic studies in photochemistry and free radical chemistry 3yr - 2nd Inst.	Individual	36,300	05
Chow, Y.L. Electrical Eng. Waterloo	Microstrip, images, optimization, impulse radar and supersynthesis 3yr - 3rd Inst.	Individual	14,494	11
Christen, C.A. Infor. & rech opér. Montréal	Analyse de problèmes combinatoires	Individuelle	8,500	07
Christensen, D.A. Animal/Poultry Sc. Saskatchewan	Mineral metabolism in cattle 3yr - 1st Inst.	Individual	10,000	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Christensen, G.S. Electrical Eng. Alberta	Functional analysis applied to engineering problems 3yr - 1st Inst.	Individual	18,300	11
Christian, A.J. Engineering Memorial	1) An investigation into a sandwich-type building panel 2) The management of Newfoundland's offshore oil and gas industries 3yr - 3rd Inst.	Individual	9,662	06
Christopherson, R.J. Animal Science Alberta	Control of digestion and metabolism in animals 3yr - 1st Inst.	Individual	14,700	01
Chrzanowski, A.J. Surveying Eng. New Brunswick	Use of new methods and instrumentation in engineering surveys 3yr - 3rd Inst.	Individual	18,117	06
Chu, V.H. Civil Engineering McGill	Hydrodynamic transport and dispersion processes 3yr - 1st Inst.	Individual	17,000	13
Chudobiak, W.J. Electronics Carleton	RF Technology for communications and instrumentation 2yr - 2nd Inst.	Individual	19,910	11
Chung, Y.S. Sciences biolog. Montréal	Etude génétique et moléculaire des effets de l'ozone chez les microorganismes 3ans - 3ième vers.	Individuelle	14,494	02
Church, M.A. Geography British Columbia	Studies of the hydraulics of rivers 3yr - 3rd Inst.	Individual	17,151	10
Church, R.B. Biology Calgary	Gene expression in mammalian embryos 3yr - 3rd Inst.	Individual	49,520	02
Church, W.R. Geology Western Ontario	Comparative evolution of ophiolite-bearing Proterozoic and Paleozoic orogenic systems 3yr - 2nd Inst.	Individual	12,650	10
Churcher, C.S. Zoology Toronto	Quaternary mammalian faunas, especially of Canada and Africa 3yr - 2nd Inst.	Individual	20,900	10
Chute, D.L. Life Sciences Toronto	Cyclic AMP mediation of memory 3yr - 1st Inst.	Individual	7,000	12
Chute, F.S. Electrical Eng. Alberta	1) Applications of electromagnetic modelling to the heating of earth materials insitu 2) Interference excising in the frequency domain 3yr - 3rd Inst.	Individual	18,117	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Chvatal, V. Computer Science McGill	Combinatorial optimization 3yr - 3rd Inst.	Individual	25,044	16
Ciampi, A. Medical Biophys. Toronto	Theory of survival curves: parametric and non-parametric modelling 3yr - 2nd Inst.	Individual	1,725	14
Cicci, F. Aerospace Studies Toronto	Development and validation of computer model for crashworthiness design of aircraft structures	Individual	8,500	13
Cizek, J. Applied Math. Waterloo	Correlation effects in molecules. Mathematical and methodological problems in quantum chemistry 3yr - 1st Inst.	Individual	30,000	05
Claisse, F. Mines & métallurgie Laval	Recherches sur l'application des rayons X en métallurgie 3ans - 2ième vers.	Individuelle	19,250	04
Clandinin, D.R. Animal Science Alberta	Rapeseed meal studies 3yr - 2nd Inst.	Individual	29,260	01
Clandinin, M.T. Nutrition/Food Sci Toronto	Nutrition and metabolism of dietary long chain fatty acids 3yr - 2nd Inst.	Individual	14,300	02
Clark, A.H. Geological Sciences Queen's	Origin and delimitation of metallogeetic provinces at convergent lithosphere plate boundaries 3yr - 2nd Inst.	Individual	19,250	10
Clark, C.W. Mathematics British Columbia	Mathematical bioeconomics 3yr - 2nd Inst.	Individual	32,890	16
Clark, H.C. Chemistry Guelph	Synthetic and mechanistic studies of organometallic chemistry 3yr - 3rd Inst.	Individual	73,676	05
Clark, K.W. Plant Science Manitoba	Production of winter hardy lolium x festuca hybrids 3yr - 2nd Inst.	Individual	16,500	02
Clark, T.A. Physics Calgary	Far infra-red solar astronomy 3yr - 2nd Inst.	Individual	19,800	17
Clarke, D.B. Geology Dalhousie	Petrogenesis of igneous rocks: 1) Granites 2) Kimberlites and peridotites 3) Basic rocks 3yr - 2nd Inst.	Individual	20,900	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Clarke, F.H. Mathematics British Columbia	Nonsmooth analysis and optimization 3yr - 2nd Inst.	Individual	25,431	16
Clarke, G.K.C. Geophys./Astron. British Columbia	Glaciology: field study, theory and instrumentation 3yr - 2nd Inst.	Individual	27,500	10
Clarke, W.E. Physics McMaster	Investigations of isotope patterns in nature 3yr - 2nd Inst.	Individual	24,475	10
Clavet, A. Génie électrique Sherbrooke	Contrôle numérique d'un système solaire	Individuelle	8,000	11
Clayman, B.P. Physics Simon Fraser	Far-infrared study of condensed matter 3yr - 2nd Inst.	Individual	20,075	15
Clayton, A.M. Civil Engineering Manitoba	Evaluation of transport infrastructure development in Western Canada 3yr - 1st Inst.	Individual	10,500	06
Clemens, W.J. Psychology St. F. Xavier	The perception and control of cardiovascular activity 3yr - 2nd Inst.	Individual	3,300	12
Clement, B. Mathématiques Ecole Polytech.	Tests en analyse multidimensionnelle 3ans - 3ième vers.	Individuelle	2,340	14
Clement, C.M. Astronomy Toronto	Study of variable stars in globular clusters 3yr - 3rd Inst.	Individual	7,247	17
Clement, M.J. Astronomy Toronto	Computer studies of rotating stars 3yr - 1st Inst.	Individual	15,000	17
Clements, J.C. Mathematics Dalhousie	1. A general theory for comparative diffusion problems. 2. The optimal control of glider winch-launch trajectories. 3. Fast, accurate algorithms for the smoothing and the isometric mapping of developable surfaces.	Individual	1,944	16
Clements, M. Psychology Mount Allison	Development of responses to auditory stimuli in kittens 3yr - 2nd Inst.	Individual	3,300	12
Clements, R.M. Physics Victoria	Electrical aspects of combustion 3yr - 1st Inst.	Individual	22,300	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cleroux, R. Infor. & rech opér. Montréal	Recherche de politiques optimales de maintenance et de remplacement d'équipement 3ans - 1er vers.	Individuelle	21,000	07
Clewes, T.W. Electrical Eng. Saskatchewan	* Principal investigator A.R.Boyle(Sask.)	Group		11
Cliff, G.H. Mathematics Alberta	Group rings and their representations 3yr - 3rd Inst.	Individual	6,039	16
Clifford, H.F. Zoology Alberta	Limnological studies of Alberta streams 3yr - 3rd Inst.	Individual	14,494	18
Climenhaga, J.L. Physics Victoria	1) Late type high luminosity stars 2) 12C/13C abundance ratio in carbon stars 3yr - 2nd Inst.	Individual	6,600	17
Clive, D.L.U. Chemistry Alberta	New synthetic methods using selenium and tellurium reagents 3yr - 1st Inst.	Individual	23,000	05
Clough, D.J. Management Sci. Waterloo	Contributions to information science, operations research and statistical methods 3yr - 2nd Inst.	Individual	31,020	07
Clouter, M.U. Physics Memorial	Laser light scattering spectroscopy 3yr - 2nd Inst.	Individual	14,465	15
Cloutier, C.F. Biologie Laval	L'exploitation de l'hôte chez les guêpes parasitaires des aphides 3ans - 3ième vers.	Individuelle	7,615	01
Cloutier, L. Génie mécanique Laval	Analyse cinématique d'engrenages spaciaux	Individuelle	7,000	13
Clowes, R.M. Geophys./Astron. British Columbia	Reflection/refraction seismology on land and at sea for crustal/upper mantle investigations 3yr - 2nd Inst.	Individual	20,900	10
Cluis, D.A. INRS-Eau Québec-INRS	Utilisation des coefficients d'autocorrélation dans l'étude de la persistance des séries hydrologiques 3ans - 2ième vers.	Individuelle	10,450	06
Clulow, F.V. Biology Laurentian	Factors affecting population levels of small mammals	Individual	7,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Clutton-Brock, M. Math./Astronomy Manitoba	Cosmology and cosmogony	Individual	7,000	17
Cobbold, R.S.C. Bio-Med Eng. Toronto	Biomedical engineering research 3yr - 3rd Inst.	Individual	26,693	11
Cochkanoff, O. Mechanical Eng. Tech Univ N.S.	Determination of hydrodynamic coefficients * with J.L.Warner(Tech.Univ.-N.S.)	Group	15,000	13
Cochran, J.F. Physics Simon Fraser	Surface impedance of metals 3yr - 2nd Inst.	Individual	49,753	15
Cochrane, R.W. Physique Montréal	Etude magnétique et de transport des matériaux désordonnés et des alliages amorphes 3ans - 2ième vers.		24,100	15
Cocivera, M. Chemistry Guelph	Mechanistic studies of reactions in solution and at solution- solid interfaces	Individual	28,000	05
Cockayne, E.J. Mathematics Victoria	Analytical and computational investigations into the theory and applications of graphs and combinatorics 3yr - 3rd Inst.	Individual	4,794	16
Coddling, E.G. Chemistry Calgary	Research in analytical spectrochemical analysis	Individual	6,500	05
Code, R.F. Physics Toronto	Optical properties (60%) and NMR (40%) of molecular solids and liquids 3yr - 1st Inst.	Individual	20,580	15
Cogger, L.L. Physics Calgary	An investigation of upper atmospheric processes by optical techniques 3yr - 1st Inst.	Individual	26,000	17
Cogger, L.L. Physics Calgary	* Principal investigator G.G.Shepherd(York)	Co-op		17
Cogger, L.L. Physics Calgary	* Principal investigator G.Rostoker(Alberta)	Co-op		17
Cogger, L.L. Physics Calgary	* Principal investigator C.D.Anger(Calgary)	Co-op		17
Cogley, J.G. Geography Trent	Palaeoclimate and global tectonics 3yr - 2nd Inst.	Individual	11,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cohen, H. Civil Engineering Manitoba	Nonlinear wave propagation in plates, shells and rods 3yr - 3rd Inst.	Individual	10,870	13
Cohen, P.J. Génie électrique Ecole Polytech.	Codage et traitement des signaux d'images. Applications aux transmissions de télévision et aux systèmes de communications visuelles 3ans - 1er vers.	Individuelle	9,900	11
Cohen, R.L. Psychology York	Individual differences in short-term memory 3yr - 3rd Inst.	Individual	15,098	12
Cohn, M.Z. Civil Engineering Waterloo	1) Inelastic behaviour of reinforced and prestressed concrete 2) Structural plasticity, reliability and optimization 3yr - 3rd Inst.	Individual	33,818	06
Colbo, M.H. Unit on Vec., Path Memorial	Ecology of blackflies and the associated fauna 3yr - 2nd Inst.	Individual	14,300	18
Colbourn, C.J. Computer Science Saskatchewan	The design and analysis of combinatorial algorithms	Individual	7,000	07
Colbourne, J.R. Mechanical Eng. Alberta	Improved performance of internal gear pumps and composite tooth profile gears 3yr - 3rd Inst.	Individual	9,059	13
Colbow, K. Physics Simon Fraser	The physics of biological membranes and membrane model systems (liquid crystal physics) 3yr - 3rd Inst.	Individual	17,779	15
Cole, K.M. Botany British Columbia	Cytological studies of some red and brown algae 3yr - 2nd Inst.	Individual	37,400	03
Colebrook, L.D. Chemistry Concordia	Studies in organic structure and stereochemistry 3yr - 1st Inst.	Individual	7,000	05
Coleman, A.J. Math/Statistics Queen's	1) Reduced density matrices 2) Catastrophe theory 3yr - 2nd Inst.	Individual	13,564	16
Colgan, P.W. Biology Queen's	Feeding, behaviour and social development in freshwater fishes 3yr - 1st Inst.	Individual	22,500	01
Colijn, A.W. Computer Science Calgary	Boolean methods and distributed computing	Individual	8,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Coll. D.C. Sys Eng/Comp Sci. Carleton	Methods for increasing the utilization of television channels 3yr - 2nd Inst.	Individual	7,920	11
Collin, G.J.M. Sciences pures Qué-Chicoutimi	Photolyse de composés organiques gazeux 3ans - 1er vers.	Individuelle	17,000	05
Collins, C.E. Applied Math. Waterloo	1) General relativistic cosmology 2) Techniques for solving nonlinear partial differential equations 3yr - 1st Inst.	Individual	12,442	16
Collins, D.W. Ctre.-Build. Stud. Concordia	Master control system for the building industry - Using computer aided building design 3yr - 2nd Inst.	Individual	9,350	06
Collins, J.R. Math/Statistics Calgary	Robust statistical inference 3yr - 2nd Inst.	Individual	3,291	14
Collins, J.V. Biology Dalhousie	Control of protein sequestration in insect cells 3yr - 3rd Inst.	Individual	7,017	01
Collins, M.F. Physics McMaster	Magnetic and critical scattering of neutrons 3yr - 2nd Inst.	Individual	30,305	15
Collins, M.P. Civil Engineering Toronto	Reinforced concrete in shear and torsion 3yr - 2nd Inst.	Individual	31,900	06
Collins, N.C. Zoology Toronto	Studies in freshwater benthic ecology and evolution of life histories 3yr - 2nd Inst.	Individual	9,900	18
Collins, N.C. Zoology Toronto	* Principal investigator J.E.Paloheimo(Toronto) 3yr - 3rd Inst.	Co-op		18
Collins, S.H. Engineering Guelph	Stereoscopic depth perception in photogrammetry	Individual	4,900	10
Collins-Thompson, D.L. Environ. Biology Guelph	Influence of nitrite on microbial ecology of cured meats 3yr - 3rd Inst.	Individual	7,247	02
Colman, B. Biology York	Photorespiration in algae 3yr - 3rd Inst.	Individual	24,156	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Colpa, J.P. Chemistry Queen's	Optical nuclear polarization and phosphorescence in molecular crystals. Electron correlation and physical properties in excited states of molecules 3yr - 3rd Inst.	Individual	14,977	05
Colter, A.K. Chemistry Guelph	Mechanisms of hydride transfer and related organic redox reactions 3yr - 2nd Inst.	Individual	11,000	05
Comisarow, M.B. Chemistry British Columbia	Ion-molecule reactions studied by Fourier transform ion cyclotron resonance spectroscopy	Individual	23,000	05
Conan, J. Génie électrique Ecole Polytech.	Analyse structurelle des codes convolutionnels et applications	Individuelle	8,000	11
Conn, A.R. Computer Science Waterloo	Penalty functions, their application to approximation and optimization algorithms with stable numerical implementations 3yr - 3rd Inst.	Individual	21,016	07
Conover, R.J. Biology Dalhousie	Zooplankton feeding interactions with large phytoplankton and small zooplankton	Individual	4,000	18
Conrath, D.W. Management Sciences Waterloo	Specification and evaluation of office automation and telemedicine technologies, the study of man-machine-man systems 3yr - 2nd Inst.	Individual	33,000	20
Consul, P.C. Math/Statistics Calgary	Estimation testing for functions of parameters in Lagrangian probability distributions with comparative utility and applications 3yr - 3rd Inst.	Individual	7,517	14
Contogouris, A.P. Physics McGill	Theoretical problems and applications of quantum chromodynamics - Large transverse processes - Two-body reactions 3yr - 2nd Inst.	Individual	28,875	15
Conway, B.E. Chemistry Ottawa	Electrochemistry of processes at interfaces and in solutions 3yr - 1st Inst.	Individual	55,000	05
Cook, S.A. Computer Science Toronto	Computational complexity and program semantics and verification 3yr - 3rd Inst.	Individual	31,282	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cook, W.D. Management Sciences York	Priority ranking and multiple goal decision models: theory and applications 3yr - 3rd Inst.	Individual	19,204	07
Cooke, F. Biology Queen's	A long term genetical, ecological and behavioural study of a Lesser Snow Goose population 3yr - 1st Inst.	Individual	40,000	18
Cooke, H.E.S. Geology Dalhousie	1) Studies on the quaternary in Atlantic Canada 2) Studies on the neogene/quaternary of Africa and Eurasia	Individual	7,600	10
Cooke, N.E. Chemical Eng. McGill	Solution and depolymerization of coal 3yr - 1st Inst.	Individual	10,400	04
Cooke, R.C. Oceanography Dalhousie	Reactions of gaseous, dissolved and particulate carbon in the sea 3yr - 1st Inst.	Individual	14,000	10
Coombs, D.H. Biology New Brunswick	Initiation of head assembly in bacteriophage T4 3yr - 1st Inst.	Individual	15,000	02
Coope, J.A.R. Chemistry British Columbia	Studies in molecular physics	Individual	13,000	05
Cooper, D.G. Chemical Eng. McGill	Identification, properties and application of biosurfactants 3yr - 1st Inst.		10,000	04
Cooper, R.H. Computer Science New Brunswick	Algebraic cryptography	Individual	5,000	07
Cooper, R.M. Psychology Calgary	Brain and vision 3yr - 3rd Inst.	Individual	20,533	12
Cooper, S. Ctre rech sci santé Québec-INRS	Isolation and identification of natural lipid content of cultivated marine planktonic algae from the estuary of Saint-Lawrence River	Individual	11,000	05
Cooper, W.C. Metallurgical Eng. Queen's	Copper hydrometallurgy 3yr - 3rd Inst.	Individual	12,362	04
Cooperstock, F.I. Physics Victoria	Two-body problem, gravitational energy & other problems in general relativity 3yr - 1st Inst.	Individual	11,070	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Copeland, M.A. Electronics Carleton	Integrated circuit design and application 3yr - 2nd Inst.	Individual	16,940	11
Copeman, R.J. Plant Science British Columbia	Techniques for detection and strain identification of <i>Erwinia carotovora</i> 3yr - 2nd Inst.	Individual	12,100	03
Copper, P. Geology Laurentian	Paleoecology, evolution and morphology of Ordovician to Devonian atrypoid brachiopods; ecological succession in reefs 3yr - 1st Inst.	Individual	18,000	10
Corbett, J.M. Physics Waterloo	Electron diffraction and diffraction contrast from layer crystals 3yr - 1st Inst.	Individual	11,120	15
Corcoran, M.E. Psychology Victoria	Noradrenaline and actions of ethanol 3yr - 3rd Inst.	Individual	14,494	12
Cordes, J.G. Physics Dalhousie	Quantum optics	Individual	1,000	15
Coren, S. Psychology British Columbia	Visual information processing in aging individuals 3yr - 1st Inst.	Individual	15,000	12
Corey, S. Zoology Guelph	Comparative ecology of marine macrozooplankton and hyperbenthos between shallow and deep sublittoral areas 3yr - 2nd Inst.	Individual	11,000	18
Corff, S. Zoology Toronto	Molecular control of cell growth and differentiation in eukaryotes 3yr - 1st Inst.	Individual	10,000	02
Corinthios, M.J. Génie électrique Ecole Polytech.	Algorithmes et processeurs pour le traitement des signaux uni-et bi-dimensionnels, la reconnaissance de forme et l'intelligence artificielle 3ans - 3ième vers.	Individuelle	17,875	11
Cormack, D.E. Chemical Eng. Toronto	Fluid flow and chemical reaction in multiphase systems 3yr - 3rd Inst.	Individual	11,154	04
Corneil, D.G. Computer Science Toronto	Algorithms in combinatorics 3yr - 1st Inst.	Individual	19,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cornell, E.H. Psychology Alberta	Spatial learning by infants 3yr - 3rd Inst.	Individual	10,870	12
Corning, W.C. Psychology Waterloo	EEG and evoked potential relationship and reliability in clustered LD populations	Individual	6,000	12
Corsini, A. Chemistry McMaster	Study of organic chelating reagents and applications to trace analysis 3yr - 2nd Inst.	Individual	16,500	05
Cory, R.M. Chemistry Western Ontario	Bicycloannulation methods for organic synthesis	Individual	13,000	05
Cossins, E.A. Botany Alberta	Folate and amino acid metabolism in plants 3yr - 2nd Inst.	Individual	60,500	03
Costache, G.I. Electrical Eng. Ottawa	* Principal investigator W.J.R.Hoefer(Ottawa)	Group		11
Costerton, J.W.F. Biology Calgary	Structure of the outer bacterial cell wall and its function in nature and disease 3yr - 1st Inst.	Individual	45,000	02
Cote, R. Sciences pures Qué- Chicoutimi	Effets du cuivre sur la production primaire du Saguenay 3ans - 2ième vers.	Individuelle	5,500	18
Cotter, D.A. Biology Windsor	Biochemical and environmental regulation of dormancy and germination in the social amoeba Dictyostelium discoideum 3yr - 3rd Inst.	Individual	14,494	02
Couch, W.E. Math/Statistics Calgary	Radiation in gravitational fields 3yr - 2nd Inst.	Individual	2,200	15
Couillard, D. INRS-Eau Québec-INRS	Evaluation de la toxicité des rejets industriels 3ans - 3ième vers.	Individuelle	12,078	06
Couillard, P. Sciences biolog. Montréal	Etudes physiologiques sur Amoeba proteus 3ans - 2ième vers.	Individuelle	22,000	01
Coukell, M.E. Biology York	Genetic and biochemical analysis of development in the cellular slime molds 3yr - 2nd Inst.	Individual	22,000	02
Coulman, B.E. Plant Science Macdonald Coll.	Evaluation of a new breeding procedure in Trifolium pratense L	Individual	8,000	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Coulton, J.W. Micro/Immunology McGill	Structure and function of bacterial membrane receptors 3yr - 1st Inst.	Individual	13,000	02
Courteau, B. Mathématiques Sherbrooke	Theorie des codes et configurations combinatoires 3ans - 1er vers.	Individuelle	1,944	16
Courtin, G.M. Biology Laurentian	Dynamics of the birch transition community, Sudbury, Ontario 3yr - 1st Inst.	Individual	5,000	18
Courtney, W.H. Plant Science British Columbia	Effect of tomato canopy structure on earliness, yield, photosynthesis, and transpiration	Individual	7,000	03
Cousens, J.D. Engineering Dalhousie	Modelling of small scale fluidized bed combustor using low-grade fuels 3yr - 1st Inst.	Individual	8,900	04
Cousin, A.J. Electrical Eng. Toronto	Signal processing and biomedical instrumentation	Individual	22,900	11
Covvey, H.D.J. Computer Science Toronto	New approaches for computer- based systems -- supporting clinical research	Individual	9,000	07
Cowan, D.D. Computer Science Waterloo	Investigations in software engineering design of computer communication networks 3yr - 3rd Inst.	Individual	21,740	07
Cowan, F.E.M. Biology New Brunswick	Mechanism of salt secretion and osmoregulation in <i>Malaclemys</i>	Individual	8,000	01
Cowan, J.A. Physics Waterloo	Investigation of amorphous films materials for solar cell applications	Individual	5,250	15
Cowie, M. Chemistry Alberta	The transition metal activation of small molecules	Individual	15,500	05
Cox, R.G. Civ Eng/App Mech McGill	The spreading of a liquid layer on a solid or liquid substrate 3yr - 1st Inst.	Individual	17,000	04
Coxeter, H.S.M. Mathematics Toronto	Regular and semiregular polytopes 3yr - 3rd Inst.	Individual	16,909	16
Coxon, J.A. Chemistry Dalhousie	High resolution electronic spectra of diatomic free radicals 3yr - 1st Inst.	Individual	27,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cozak, D. Chimie Laval	Etude par RMN de complexes organométalliques paramagnétiques	Individuelle	11,000	05
Cozak, D. Chimie Laval	Chimie de radicaux organométalliques. Synthèse et spectroscopie 2ans - 2ième vers.		2,750	05
Craggs, A. Mechanical Eng. Alberta	Finite element studies in acoustics 3yr - 2nd Inst.	Individual	14,850	13
Craig, D.A. Entomology Alberta	Biology of diptera 3yr - 1st Inst.	Individual	10,500	01
Craig, G.B. Metal/Mat. Science Toronto	Wear of metals and alloys 3yr - 2nd Inst.	Individual	11,000	04
Craik, F.I.M. Psychology Toronto	Human memory processes 3yr - 1st Inst.	Individual	45,000	12
Crapo, H.H. Centre de rech math Montréal	Combinatorial geometry 3ans - 3ième vers.	Individuelle	13,966	16
Craske, B. Psychology Memorial	The mechanisms and inter- relationships of human position sense 3yr - 3rd Inst.	Individual	18,721	12
Craven, T.C. Library Science Western Ontario	Index display generation from a general concept network	Individual	2,600	07
Crawford, C. Computer Science York	The numerical solution of matrix Eigenvalue problems	Individual	4,900	07
Crawford, J.E. Physics McGill	* Principal investigator J.K.P.Lee(McGill)	Group		22
Crawford, R.G. Comp. & Info. Sc. Queen's	Design and development of document retrieval systems and methodologies	Individual	11,000	07
Crawford, R.J. Chemistry Alberta	Deuterium isotope effects; organic protein geochemistry	Individual	22,000	05
Crepault, J. Psychologie Moncton	Genèse des structures cinématiques II 3ans - 1er vers.	Individuelle	8,000	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cressman, R.E. Math/Statistics Guelph	Density dependent branching processes 3yr - 1st Inst.	Individual	1,943	16
Crevier, D. Electrical Eng. McGill	The determination of stability regions for electric power systems 3yr - 1st Inst.	Individual	10,100	11
Crim, L.W. Mar. Sc. Res. Lab Memorial	Neuroendocrine regulation of seasonal reproduction in salmonid fishes 3yr - 2nd Inst.	Individual	15,400	01
Crim, L.W. Mar. Sc. Res. Lab Memorial	* Principal investigator D.R.Idler(Memorial) 3yr - 2nd Inst.	Co-op		01
Crocket, J.H. Geology McMaster	Applications of geochemistry to mineral deposit genesis 3yr - 2nd Inst.	Individual	31,350	10
Croll, N.A. Parasitology Macdonald Coll.	Experimental parasitology	Individual	34,500	01
Cross, G.E. Pure Mathematics Waterloo	N-convex functions in approximation theory 3yr - 1st Inst.	Individual	1,944	16
Cross, J.D. Electrical Eng. Waterloo	High voltage insulation in electrical energy transmission systems 3yr - 3rd Inst.	Individual	19,083	11
Crossley, D.U. Mining/Metal. Eng. McGill	1) Physics of the earth's interior 2) Exploration geophysics	Individual	11,000	10
Crossley, J. Chemistry Lakehead	Molecular motions in liquids and solids	Individual	16,000	05
Crossman, E.U. Zoology Toronto	Biology, distribution and systematics of fishes of the suborder Esocoides 3yr - 3rd Inst.	Individual	4,831	18
Crowne, D.P. Psychology Waterloo	The frontal eye fields and attentional processing 3yr - 2nd Inst.	Individual	5,500	12
Crozier, E.D. Physics Simon Fraser	Structural determinations of disordered systems 3yr - 3rd Inst.	Individual	25,364	15
Cruden, D.M. Geology Alberta	Stability of natural slopes in rock 3yr - 3rd Inst.	Individual	18,117	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Csendes, Z.J. Electrical Eng. McGill	* Principal investigator P.P.Silvester(McGill)	Group		11
Csima, J. Mathematical Sci. McMaster	Stochastic hypergraphs 3yr - 2nd Inst.	Individual	5,086	16
Csizmadia, I.G. Chemistry Toronto	Theoretical organic chemistry 3yr - 2nd Inst.	Individual	41,800	05
Csorgo, M. Mathematics Carleton	Strong approximations in probability and statistics 3yr - 3rd Inst.	Individual	28,227	14
Cuddy, L.L. Psychology Queen's	Auditory pattern recognition 3yr - 2nd Inst.	Individual	22,330	12
Cujec, B. Physique Laval	Réactions nucléaires avec les ions lourds 3ans - 2ième vers.	Individuelle	19,800	22
Culik, K. Computer Science Waterloo	Formal languages and their applications. Theory of programming languages & systems 3yr - 2nd Inst.	Individual	26,180	07
Cullen, A.P. Optometry Waterloo	Optical radiation effects on the eye 3yr - 1st Inst.	Individual	17,000	21
Cullen, W.R. Chemistry British Columbia	Aspects of coordination chemistry 3yr - 1st Inst.	Individual	49,000	05
Cullimore, D.R. Biology Regina	Herbicide interactions with soil algae and bacteria	Individual	5,000	18
Cumming, B.G. Biology New Brunswick	Tissue and cell culture, and the control of growth and development in relation to clonal propagation, somatic hybridization and mutation 3yr - 2nd Inst.	Individual	33,000	03
Cumming, G.L. Physics Alberta	Systematics of PB isotope variations in ores and rocks - crustal seismic reflection and refraction studies 3yr - 1st Inst.	Individual	29,000	10
Cummings, L.J. P. Math./Com. Opt Waterloo	Linear transformations on symmetry classes of tensors 3yr - 2nd Inst.	Individual	5,086	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cummins, J.A. Génie électrique Laval	Applications des réseaux d'antennes aux télécommunications et à la radiogoniométrie	Individuelle	14,100	11
Cummins, J.E. Plant Science Western Ontario	* Principal investigator A.W.Day(Western) 3yr - 2nd Inst.	Group		02
Cummins, W.R. Botany Toronto	Thermal acclimation in arctic plants	Individual	7,000	03
Cunningham, W.H. Math/Statistics Carleton	Combinatorial algorithms	Individual	10,000	07
Curran, J.H. Civil Engineering Toronto	Constitutive equations for porous geologic materials	Individual	16,000	10
Currie, I.G. Mechanical Eng. Toronto	Research in low speed viscous fluid flows 3yr - 2nd Inst.	Individual	19,250	13
Currie, J.B. Geology Toronto	Development of fracture porosity in sedimentary strata	Individual	10,500	10
Currie, J.F. Génie-physique Ecole Polytech.	La physique théorique et expérimentale des matériaux amorphes 3ans - 1er vers.	Individuelle	12,990	15
Curtis, D.W. Psychology Alberta	Binocular processing of brightness information 3yr - 2nd Inst.	Individual	10,890	12
Curtis, M.A. Parasitology McGill	Ecological/experimental parasitology 3yr - 1st Inst.	Individual	7,500	01
Curzon, A.E. Physics Simon Fraser	Studies in the science of materials 3yr - 2nd Inst.	Individual	21,208	15
Curzon, F.L. Physics British Columbia	Laser fusion and applied plasma physics * with E.Ahlborn, A.J.Barnard,J.Meyer,A.K.H.Ng, R.A.Nodwell(B.C.) 3yr - 1st Inst.	Group	155,000	15
Cushley, R.J. Chemistry Simon Fraser	1) Visualization of ligand- enzyme interactions by NMR 2) Membrane structure and function 3yr - 3rd Inst.	Individual	36,234	02
Cynader, M.S. Psychology Dalhousie	Binocular interaction in cat visual system 3yr - 1st Inst.	Individual	47,500	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Czajkowski, M.A. Physics Windsor	Atomic and molecular collisions at low temperatures 3yr - 3rd Inst.	Individual	10,266	15
Daborn, G.R. Biology Acadia	Role of zooplankton in the Bay of Fundy and its headwaters 3yr - 2nd Inst.	Individual	13,200	18
Dagg, I.R. Physics Waterloo	Collision-induced absorption in liquids and compressed gases in the millimeter region 3yr - 3rd Inst.	Individual	12,682	15
Dainty, J. Botany Toronto	Plant biophysics 3yr - 1st Inst.	Individual	42,000	03
Dalby, F.W. Physics British Columbia	Studies in electronic spectroscopy 3yr - 3rd Inst.	Individual	33,009	15
Dale, J.D. Mechanical Eng. Alberta	Combustion ignition studies and spark ignition engine performance and emissions using a pulsed plasma jet ignitor and CO2 laser 3yr - 3rd Inst.	Individual	10,508	13
Dalla Lana, I.G. Chemical Eng. Alberta	1) Catalytic reactions in acid gas processing; 2) Applications of IR spectroscopy to catalysis research; 3) Hydroprocessing of heavy gas oils 3yr - 1st Inst.	Individual	21,400	04
Dalle, D. Génie électrique Sherbrooke	Optimisation de systèmes de codage numérique du signal de la voix	Individuelle	7,000	11
Dalrymple, R.W. Geological Sciences Queen's	Sedimentation dynamics and facies modelling of Cobequid Bay sediments	Individual	10,000	10
Daly, M. Psychology McMaster	Comparative social behaviour in rodents 3yr - 3rd Inst.	Individual	18,117	12
D'Amboise, M. Chimie Montréal	Applications de la chromatographie liquide haute performance à l'étude des réactions en solution 3ans - 1er vers.	Individuelle	6,000	05
Danard, M.B. Computer Science Victoria	Atmospheric motion systems 3yr - 3rd Inst.	Individual	29,646	17
D'Anglejan, B.F. Marine Sci. Centre McGill	Benthic boundary layer sedimentation processes in estuaries 3yr - 2nd Inst.	Individual	16,500	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Daniel, T.E. Fin. & Manag. Sci. Alberta	An integrated model of energy supply and demand in Canada * with H.M.Goldberg(Alberta)	Group	8,000	20
Daniels, J.M. Physics Toronto	Oriented nuclei and magnetic properties of solids 3yr - 3rd Inst.	Individual	40,643	15
Dannenbring, G.L. Psychology St. F. Xavier	Auditory and visual pattern organization 3yr - 2nd Inst.	Individual	10,890	12
Danyluk, H.T. Mechanical Eng. Saskatchewan	Elastic-plastic and photoelastic analysis 3yr - 1st Inst.	Individual	9,000	13
Dao, L.H. Chemistry Moncton	Biomass thermochemical liquefaction	Individual	3,282	04
Dao, L.H. Chimie Québec-INRS	Biomass thermochemical liquefaction 3ans - 1er vers.	Individuelle	6,398	04
Daoust, H. Chimie Montréal	Etudes physico-chimiques de solutions de macromolécules	Individuelle	9,000	05
Darewych, J.G.W. Physics York	Quantum scattering theory, atomic and molecular collisions 3yr - 2nd Inst.	Individual	7,975	15
Das, A.U. Mathematics Simon Fraser	General relativity, unified field theory, quantum field theory 3yr - 3rd Inst.	Individual	4,190	16
Das, J.P. CSMR Alberta	The development of playful behaviour and reading ability 3yr - 1st Inst.	Individual	8,000	12
Dasgupta, S. Computer Science Alberta	Studies in the correct design and implementation of computer architectures	Individual	14,500	07
Das Gupta, S. Physics McGill	Relativistic heavy ion reactions and nuclear structure 3yr - 2nd Inst.	Individual	18,975	15
Dash, A. Math/Statistics Guelph	Joint spectra, numerical range and subharmonicity, complementarity problems on Banach spaces 3yr - 1st Inst.	Individual	1,166	16
Datars, W.R. Physics McMaster	Cyclotron resonance in solids 3yr - 2nd Inst.	Individual	53,350	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Daugulis, A.J. Chemical Eng. Queen's	The production of ethanol by an immobilized whole cell packed bed reactor 3yr - 2nd Inst.	Individual	8.800	04
Daunt, J.G. Physics Queen's	Upgrading of and experiments with the Queen's Millikelvin research facility	Individual	51.870	15
Daunt, S.J.L. Chemistry Concordia	High resolution molecular spectroscopy with lasers 3yr - 2nd Inst.		13.500	05
D'Auria, J.M. Chemistry Simon Fraser	IEP-21 - Nuclear spectroscopy studies of short lived radioactive products of high energy reactions * with R.G.Korteling, K.P.Jackson, D.H.Boal (Simon Fraser)	Project	13.000	27
D'Auria, J.M. Chemistry Simon Fraser	* Principal investigator R.G.Korteling (Simon Fraser)	Project		27
D'Auria, J.M. Chemistry Simon Fraser	* Principal investigator K.P.Jackson (Simon Fraser)	Project		27
D'Auria, J.M. Chemistry Simon Fraser	* Principal investigator R.G.Korteling (Simon Fraser)	Project		27
Davar, K.S. Civil Engineering New Brunswick	Hydraulic effects of ice cover on rivers 3yr - 1st Inst.	Individual	10.500	06
Davenport, A.G. Engineering Western Ontario	The prediction of effects of wind and earthquake loading and their code formulation 3yr - 3rd Inst.	Individual	66.429	06
Davenport, W.G. Mining/Metal. Eng. McGill	1) Vacuum refining 2) Slag/metal reactions 3) Electrolyte properties 3yr - 3rd Inst.	Individual	20.816	04
Davey, K.G. Biology York	Invertebrate endocrinology 3yr - 3rd Inst.	Individual	71.629	01
David, M. Génie minéral Ecole Polytech.	Développements géostatistiques pour l'inventaire de réserves 3ans - 2ième vers.	Individuelle	31.350	10
David, P.P. Geology Montréal	Study of eolian deposits in Canada	Individual	6.000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Davidson, C.H. Architecture Montréal	Méthodes de compression de Thesaurus en vue d'optimiser le reperage de l'information	Individuelle	10.000	07
Davidson, D. Biology McMaster	1) Regulation of cell proliferation and nuclear growth 2) germination of barley 3yr - 3rd Inst.	Individual	25.364	02
Davidson, G.A. Mechanical Eng. Waterloo	Problems in aerosol dynamics, planetary boundary layer modeling, and diffusion 3yr - 3rd Inst.	Individual	11.957	13
Davidson, K.R. Pure Mathematics Waterloo	Toeplitz operators and related algebras 3yr - 3rd Inst.	Individual	2.443	16
Davidson, R.R. Mathematics Victoria	Problems in the theory and methodology of paired comparisons 3yr - 3rd Inst.	Individual	5.853	14
Davidson-Arnott, R.G.D. Geography Guelph	Beach and nearshore processes - erosion and sedimentation	Individual	12.500	10
Davies, D.J.M. Computer Science Western Ontario	Models for storage allocation policy efficiency	Individual	8.000	07
Davies, D.M. Biology McMaster	Factors influencing growth, survival and behaviour of bloodsucking flies and other economically important insects 3yr - 3rd Inst.	Individual	37.744	01
Davies, H.G. Mechanical Eng. New Brunswick	Random vibration analysis of complicated systems 3yr - 3rd Inst.	Individual	21.075	13
Davies, J.A. Eng. Physics McMaster	Ion implantation, channeling and their applications 3yr - 3rd Inst.	Individual	7.609	15
Davies, J.A. Geography McMaster	Aerosol effects on radiation 3yr - 1st Inst.	Individual	20.000	17
Davies, J.F. Geology Laurentian	CO ₂ CaO molar ratios: A measure of the intensity of carbonate alteration * with R.E.Whitehead(Laurentian)	Group	7.600	10
Davies, R.W. Biology Calgary	Leech/chironomid community interactions 3yr - 1st Inst.	Individual	28.000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Davis, A.M. Geography Toronto	Palynology and paleoecology of peatlands in Newfoundland	Individual	9,000	10
Davis, C.C. Biology Memorial	Investigations in aquatic ecology and related subjects 3yr - 2nd Inst.	Individual	7,700	18
Davis, E. Civil Engineering Saskatchewan	Chlorinated hydrocarbon reduction through water treatment plant operation optimization 3yr - 2nd Inst.	Individual	10,450	06
Davis, H. Psychology Guelph	Autocontingencies: discriminative effects of unsignaled shock in a conditioned suppression procedure 3yr - 2nd Inst.	Individual	7,810	12
Davis, H.C. Mathematics Toronto	Operator theory and applications 3yr - 3rd Inst.	Individual	17,457	16
Davis, J.H. Math/Statistics Queen's	Distributed control problems 3yr - 3rd Inst.	Individual	4,190	16
Davis, J.H. Physics Guelph	Physical studies of model and biological membranes 3yr - 2nd Inst.		16,000	02
Davis, W.A. Computer Science Alberta	Digital techniques in image processing	Individual	19,000	07
Davison, A.J. Kinesiology Simon Fraser	Cellular mechanisms of oxygen toxicity	Individual	8,000	01
Davison, E.J. Electrical Eng. Toronto	Large scale control system theory and simulation of cell growth 3yr - 2nd Inst.	Individual	48,070	11
Davison, J.L. Mathematics Laurentian	Rational approximation and continued fractions 3yr - 2nd Inst.	Individual	880	16
Davison, N.E. Physics Manitoba	* Principal investigator W.T.H. Van Oers (Manitoba)	Project		27
Davison, N.E. Physics Manitoba	Direct reactions producing unstable particles in the final state	Individual	25,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Davison, S.G. Applied Math. Waterloo	Quantum chemistry of crystal surfaces 3yr - 2nd Inst.	Individual	12,650	05
Dawe, J.L. Civil Engineering New Brunswick	Mechanical properties of steel above the yield level and their effects on local buckling 3yr - 1st Inst.	Individual	10,000	06
Dawes, A.M. Mathematics Western Ontario	Formal systems and recursive functions 3yr - 3rd Inst.	Individual	1,389	16
Dawson, D.A. Mathematics Carleton	Geostochastic Markov systems 3yr - 3rd Inst.	Individual	32,211	14
Dawson, G.E. Electrical Eng. Queen's	* Principal investigator A.R. Eastham (Queen's)	Group		11
Dawson, P.T. Chemistry McMaster	Surface chemistry of metals and alloys; gas-metal reactions	Individual	10,500	05
Dawson, W.K. Physics Alberta	* Principal investigator D.M. Sheppard (Alberta)	Group		22
Dawson, W.K. Physics Alberta	* Principal investigator G. Roy (Alberta) 3yr - 2nd Inst.	Co-op		27
Day, A.W. Plant Science Western Ontario	Genetic, cell cycle and molecular aspects of sexual morphogenesis in a lower eucaryote * with J.E. Cummins (Western) 3yr - 2nd Inst.	Group	34,100	02
Day, R.A. Mathematics Lakehead	Congruence varieties of lattices and algebras 3yr - 2nd Inst.	Individual	14,114	16
Day, W.H.E. Computer Science Memorial	Investigation of distance measures based on a supervaluation concept	Individual	5,570	07
Daynard, T.B. Crop Science Guelph	Influences of soil environment on pre-floral development of maize 3yr - 1st Inst.	Individual	14,000	03
Dealy, J.M. Chemical Eng. McGill	Polymer melt rheology and plastics processing 3yr - 1st Inst.	Individual	17,400	04
Dean, P.A.W. Chemistry Western Ontario	Chemistry of metal ions in weakly coordinating solvents 3yr - 3rd Inst.	Individual	10,749	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Deb, A. Computer Science Memorial	Non-periodic skewing schemes for conflict-free access and alignment of multi-dimensional resource structure in parallel processing	Individual	7,500	07
Debanné, J.G. Sciences de l'admin. Ottawa	Multicommodity, multiperiod plant expansion/allocation model	Individuelle	12,000	20
De Broissia, M. Génie chimique Sherbrooke	Mouvement des nappes d'huile et deversement de gaz naturel liquéfié	Individuelle	9,400	04
De Bruin, H. Elec. & Comp. Eng. McMaster	Processing and analysis strategies for movement related electromyographic signals	Individual	8,000	11
DeCatanzaro, D.A. Psychology McMaster	Aggression and reproductive success/ biology of self-damaging behavior 3yr - 1st Inst.		12,000	12
Deckers, J.M. Chemistry Toronto	* Principal investigator G.Burns(Toronto)	Co-op		21
Deckker, B.E.L. Mechanical Eng. Saskatchewan	Steady & unsteady compressible flows 3yr - 3rd Inst.	Individual	27,779	13
Decoste, R. INRS - Energie Québec-INRS	Accélération de cible mince par un laser CO2 de puissance	Individuelle	6,590	15
De Dormale, B. Math/physique Moncton	Etude mathématique des interactions élémentaires 3ans - 3ième vers.	Individuelle	1,208	15
DeDourek, J.M. Computer Science New Brunswick	Investigation of program creation using high speed CRT terminals * with D.M.Fellows(N.B.)	Group	10,000	07
De Jong, E. Soil Science Saskatchewan	Seasonal variations in dynamic soil physical properties 3yr - 2nd Inst.	Individual	19,470	03
De Kee, D.C.R. Chemical Eng. Windsor	Rheology of viscoelastic materials 3yr - 1st Inst.	Individual	11,400	04
De Koninck, J.M. Mathématiques Laval	Sur le nombre de solutions de $f(x)=k$ pour certaines fonctions arithmétiques multiplicatives 3ans - 3ième vers.	Individuelle	2,443	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
De Krasinski, J.S. Mechanical Eng. Calgary	1) Radial diffuser in supersonics; 2) Numerical modelling of snow drifting with intercrystal forces including aerodynamics of bluff bodies on the ground; 3) Final project of an atmospheric wind tunnel with temperature gradient; 4) Shock wave and acoustic attenuation in liquid foams 3yr - 1st Inst.	Individual	12,000	13
De la Noüe, J. Biologie Laval	Système intégré de traitement biologique des eaux usées 3ans - 1er vers.	Individuelle	7,500	01
De Lasa, H.I. Chemical Eng. Western Ontario	Chemical reactor technology. Application to energy and petrochemical industry 3yr - 1st Inst.	Individual	10,400	04
DeLaurier, J.D. Aerospace Studies Toronto	Flight dynamics of modern airships 3yr - 1st Inst.	Individual	11,000	13
Del Bianco, W. Physique Montréal	Radiative capture reactions and deuteron photodisintegration	Individuelle	24,000	22
Delfour, M.C. Centre de rech math Montréal	Représentation et commande des systèmes à retard et de dimension infinie 3ans - 2ième vers.	Individuelle	16,954	16
Delisle, C.A. Physique Laval	Cohérence, photocomptage et métrologie 3ans - 3ième vers.	Individuelle	18,721	15
Delisle, C.E. Génie civil Ecole Polytech.	Liens entre les métaux lourds dans l'environnement, les précipitations acides et l'alcalinité	Individuelle	5,500	10
Delisle, G.Y. Génie électrique Laval	Traitement du signal et filtrage spatio-temporel à l'aide de réseaux de capteurs 3ans - 3ième vers.	Individuelle	11,474	11
Della Torre, E. Electrical Eng. Windsor	Design of magnetic bubble memories	Individual	12,600	11
Delmas-Patterson, G. Chimie Qué-Montréal	Thermodynamique des solutions de molécules non-polaires. Effet de la forme moléculaire 3ans - 2ième vers.	Individuelle	15,400	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Delorme, A. Psychologie Montréal	Influence du mouvement visuel sur la posture et la vexion: étude expérimentale et génétique 3ans - 3ième vers.	Individuelle	7,126	12
De Malherbe, M.C. Mech. & Aeronaut. Carleton	Selected problems related to optimization of manufacturing processes and their elements. 1) Formability of metal powders and metalworking 2) Design and analysis of ultra high pressure system 3) Techniques of simulation and optimization of processes 3yr - 3rd Inst.	Individual	24,760	13
DeMan, J.M. Food Science Guelph	Microstructure and texture of foods 3yr - 2nd Inst.	Individual	37,620	03
De Mayo, P. Chemistry Western Ontario	Organic chemistry 3yr - 3rd Inst.	Individual	73,676	05
De Medicis, E. Biochimie Sherbrooke	Rôle des cations dans les bactéries halophiles	Individuelle	13,000	02
Demers, J.M. Sciences biolog. Montréal	1. Travaux de nutrition chez le caneton 2. Conductances spécifiques des membranes contractiles 3ans - 3ième vers.	Individuelle	11,000	01
Demers, S.H. Physique Montréal	Galaxies naines a l'intérieur et autour du groupe local 3ans - 2ième vers.	Individuelle	13,200	17
DeMille, G.R. Physics New Brunswick	* Principal investigator D.L.Livesey(N.B.) 3yr - 2nd Inst.	Group		15
Denariez-Roberge, M.M. Physique Laval	1) Diffusion Raman antistoke cohérente (CARS) de résonance 2) Phénomènes optique transitoires 3ans - 3ième vers.	Individuelle	15,219	15
Denford, K.E. Botany Alberta	Chemosystematic studies of vascular plants with special reference to their biochemical adaptation and the role of historical factors in their evolution 3yr - 1st Inst.	Individual	15,000	03
Dengler, N.G. Botany Toronto	Cell division and cell enlargement during leaf development 3yr - 1st Inst.	Individual	11,200	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Denner, W.W. Physics Memorial	Numerical modeling of ice conditions in the Labrador current	Individual	3,000	10
Dennis, D.T. Biology Queen's	The regulation and compartmentation of metabolic pathways in plants 3yr - 2nd Inst.	Individual	39,600	02
Dennis, S.C.R. Applied Math. Western Ontario	Numerical solutions of the Navier-Stokes equations 3yr - 1st Inst.	Individual	20,553	16
Deo, C.M. Mathematics Ottawa	Limit theorems in probability and mathematical statistics 3yr - 1st Inst.	Individual	15,830	14
Depommier, P.H. Physique Montréal	IEP-93 - Salary Support-Muon Electron Conversion TRIUMF Time Projection Chamber * with J.P.Martin(Montréal), A.L.Carter, E.P.Hincks, D.Kessler, C.K.Hargrove(Carleton), D.A.Bryman(Victoria)	Projet	53,000	27
Depommier, P.H. Physique Montréal	IEP-53 - Muon electron conversion; TRIUMF Time Projection Chamber * with J.P.Martin(Montréal), A.L.Carter, E.P.Hincks, D.Kessler, C.K.Hargrove(Carleton), D.A.Bryman(Victoria)	Projet	33,000	27
Depommier, P.H.M. Physique Montréal	* Chercheur principal L.Lessard(Montréal)	Groupe		22
Depommier, P.H.M. Physics Montréal	Feasibility Study of a Large-Scale Racetrack Microtron * with C.U.J.Brassard, P.F.Hinrichsen, H.A.Jeremie, B.Lorazo, L.Lessard, J.P.Martin(Montréal), Y.M.Shin(Sask.)	Co-op	35,000	22
Derbyshire, J.B. Vet. Micro./Immun. Guelph	Antibody-dependent cell-mediated cytotoxicity (ADCC) and natural killer (NK) cell activity in porcine transmissible gastroenteritis (TGE) 3yr - 2nd Inst.	Individual	32,450	01
Derenyi, E.E. Surveying Eng New Brunswick	Geometry of remote sensing systems 3yr - 1st Inst.	Individual	13,000	06
Derome, J.F. Meteorology McGill	Dynamics of planetary waves 3yr - 1st Inst.	Individual	22,000	17

1 1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Desai, R.C. Physics Toronto	Statistical physics of condensed matter 3yr - 2nd Inst.	Individual	19,558	15
De Santis, R.M. Génie électrique Ecole Polytech.	Sensibilité, stabilité et commande optimale des processus industriels	Individuelle	15,800	11
Desjardins, R. Génie civil Ecole Polytech.	Efficacité des dépôts de CaCO ₃ pour la protection des conduites d'alimentation en eau 3ans - 1er vers.	Individuelle	7,500	06
Deslauriers, G. Mathématiques Ecole Polytech.	Modèles d'agrégats aléatoires 3ans - 3ième vers.	Individuelle	1,047	16
Deslongchamps, P. Chimie Sherbrooke	Synthèse organique et étude du contrôle stéréoelectronique dans la réaction d'hydrolyse 3ans - 3ième vers.	Individuelle	73,676	05
Desnoyers, J.E. Chimie Sherbrooke	Chimie physique des solutions colloïdales 3ans - 1er vers.	Individuelle	37,000	05
Desrosiers, J. Méth. quant. gest. Montréal	Transport scolaire	Individuelle	6,000	20
Desser, S.S. Microbiol./Parasit. Toronto	Studies on the life cycles, physiology, pathology and ultrastructure of protozoan parasites 3yr - 3rd Inst.	Individual	21,481	01
Destry, J. Physique Montréal	Effet hall et résistivité de systèmes métalliques amorphes 3ans - 2ième vers.	Individuelle	11,495	15
De Takacsy, N.B. Physics McGill	Studies in nuclear structure and direct reactions 3yr - 2nd Inst.	Individual	18,975	15
Deutsch, E.R. Physics Memorial	Rock magnetism and geological structure in the Newfoundland region 3yr - 3rd Inst.	Individual	14,494	10
Deutsch-McLeish, M.E. Computer Science Alberta	Security of statistical databases/database models	Individual	6,000	07
Devos, I.W. Micro/Immunology McGill	1) Bacterial cell division and osmoregulation 2) Pili regulation and biosynthesis 3yr - 1st Inst.	Individual	25,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
De Vries, J. Soil Science British Columbia	Hydrologic behaviour of soils of the urban-rural fringe area of the lower Fraser Valley 3yr - 3rd Inst.	Individual	5,435	10
Devroye, L. Computer Science McGill	Nonparametric estimation and discrimination 3yr - 3rd Inst.	Individual	3,861	14
Devan, S.B. Electrical Eng. Toronto	Solid state power conversion and control 3yr - 3rd Inst.	Individual	30,074	11
Dewdney, A.K. Computer Science Western Ontario	Combinatorial algorithms 3yr - 1st Inst.	Individual	12,500	07
Dewey, J.M. Physics Victoria	Photogrammetry of shock and blast waves 3yr - 3rd Inst.	Individual	22,946	13
Dey, S.K. Electrical Eng. Saskatchewan	Switching properties of amorphous silicon films 3yr - 2nd Inst.	Individual	11,220	11
Dhaliwal, R.S. Math/Statistics Calgary	Mixed boundary value problems of classical homogeneous and nonhomogeneous theory of elasticity and thermoelasticity 3yr - 2nd Inst.	Individual	11,273	16
Dhatt, G. Génie civil Laval	Applications de la méthode des éléments finis aux problèmes de la mécanique appliquée 3ans - 1er vers.	Individuelle	18,000	06
Dhillon, B.S. Mechanical Eng. Ottawa	Reliability analysis methods	Individual	7,000	20
Diamond, A.L. Psychology Simon Fraser	New phenomena and possible mechanisms in the steady-state evoked potential 3yr - 1st Inst.	Individual	6,000	12
Di Battista, D. Psychology Waterloo	Effects of intraventricular 5- thiogluucose on food intake and blood glucose	Individual	4,000	12
Dick, A.J. Chemistry Acadia	Purification and characterization of a ribosomal aminopeptidase from Escherichia coli 3yr - 2nd Inst.	Individual	6,050	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dick, T.A. Zoology Manitoba	Trichinella spp. biological and biochemical characterization and speciation. Host-parasite interaction of Triclaenophorus crassus in fish 3yr - 2nd Inst.	Individual	11,825	01
Dickie, L.M. Oceanography Dalhousie	Ecological basis for fishery production	Individual	5,000	18
Dickinson, E.J. Génie mécanique Laval	Experimental measurements on vertical axis wind and water turbines, and investigation of separated flows * with H.Gerardin(Laval)	Groupe	11,000	13
Dickinson, J.R. Systems Eng. Western Ontario	An energy systems simulator using partitioning 3yr - 2nd Inst.	Individual	8,250	04
Dickinson, S.M. Fac. of Eng. Sci. Western Ontario	Buckling and vibrational response of structural elements and structures 3yr - 3rd Inst.	Individual	12,682	13
Dickinson, W.T. Engineering Guelph	Erosion and sedimentation modelling 3yr - 2nd Inst.	Individual	14,850	10
Dickman, M.D. Biolog. Sciences Brock	Natural and man induced factors affecting lake productivity and species composition 3yr - 3rd Inst.	Individual	15,701	18
Dickson, J.I. Génie métall. Ecole Polytech.	Etudes de la rupture par fatigue, fatigue corrosion et corrosion sous-tension des matériaux 3ans - 2ième vers.	Individuelle	13,200	04
Diewert, G.L. Kinesiology Simon Fraser	The interactive role of perceptual organization, efference, and strategy as a function of age in psychomotor learning, performance, and integration	Individual	357	12
Dignam, M.J. Chemistry Toronto	Physical chemistry of surfaces 3yr - 1st Inst.	Individual	35,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dilger, W.H. Civil Engineering Calgary	1) Shear strength of slab-column connections 2) Time-dependent effects in concrete structures 3) Strength and deformation of concrete under axial stresses 4) Effective slab width in prestressed concrete T-beams 5) Temperature measurements in concrete bridges 3yr - 2nd Inst.	Individual	29,700	06
Dill, L.M. Biolog. Sciences Simon Fraser	The influence of risk of predation on optimal diet of animals 3yr - 1st Inst.	Individual	30,000	18
Dill, L.M. Biolog. Sciences Simon Fraser	* Principal investigator C.S.Holling(B.C.)	Co-op		18
Di Lollo, V. Psychology Alberta	Initial stages of visual information processing 3yr - 3rd Inst.	Individual	30,195	12
Dimoff, K. INRS - Energie Québec-INRS	Plasma applications 3yr - 1st Inst.	Individual	14,260	15
Dimopoulos, N. Electrical Eng. Concordia	Implementation and study of a homogeneous multiprocessor	Individual	1,500	11
Dimroth, E. Sc. appliquées Qué-Chicoutimi	1) Volcanologie physique et sédimentologie d'un bassin volcano-sé-dimentaire Archéen et 2) Evolution de la Province Grenville dans la région Saguenay-Lac-St-Jean 3ans - 3ième vers.	Individuelle	16,909	10
Dingle, A.D. Biology McMaster	Coordination of development and function of cilia, basal bodies, and striated rootlet fibres	Individual	13,000	02
Dion, J.G. Math/informatiques Sherbrooke	Prise de décision sous critères multiples 3ans - 1er vers.	Individuelle	1,166	16
Dion, J.L. Ingénierie Qué.-Trois-Riv	Imagerie ultrasonore avec convertisseur à cristal liquide 3ans - 1er vers.	Individuelle	10,100	11
Dion, J.P. Mathématiques Qué-Montréal	Inférence dans les processus de ramification avec application à la biologie 3ans - 1er vers.	Individuelle	2,770	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dion, P. Phytologie Laval	Etudes sur la transformation des cellules végétales par Agrobacterium tumefaciens 3ans - 1er vers.	Individuelle	10,000	02
Dionne, L. Math/Statistics Memorial	Non parametric estimation 3yr - 3rd Inst.	Individual	2,268	14
Diosady, L.L. Chem Eng/App Chem Toronto	Protein extraction from Canadian oilseeds 3yr - 2nd Inst.	Individual	11,000	04
Distin, P.A. Mining/Metal. Eng. McGill	1) Nickel recovery from laterite acid leach solutions by precipitate flotation 2) Metal precipitation from loaded organic extractants by reaction with hydrogen 3yr - 3rd Inst.	Individual	9,946	04
Ditzian, Z. Mathematics Alberta	Approximation processes and related problems 3yr - 2nd Inst.	Individual	13,564	16
Dixon, A.E. Physics Waterloo	Study of the electronic properties of solids	Individual	9,000	15
Dixon, J.D. Mathematics Carleton	Group theory 3yr - 3rd Inst.	Individual	13,966	16
Dixon, J.M. Geological Sciences Queen's	Centrifuge modelling of gravity- driven geologic structures and tectonic consequences of ridge subduction 3yr - 2nd Inst.	Individual	18,700	10
Dixon, K.R. Chemistry Victoria	Studies in platinum and palladium chemistry 3yr - 1st Inst.	Individual	18,000	05
Dixon, O.A. Geology Ottawa	Ordovician-Silurian invertebrate fossils and sedimentary facies 3yr - 2nd Inst.	Individual	14,850	10
Dixon, P.S. Fin. & Manag. Sci. Saint Mary's	Heuristic methods for multi- stage production systems	Individual	7,000	20
Dixon, S.E. Environ. Biology Guelph	Growth and development of insects 3yr - 3rd Inst.	Individual	11,414	01
Djokovic, D. Pure Mathematics Waterloo	Algebra 3yr - 3rd Inst.	Individual	8,455	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Diab, V. Mathematics Carleton	1) Representation theory of associative algebras and applications 2) Structure theory of artin rings 3) Categories of dependence structures 3yr - 1st Inst.	Individual	19,441	16
Dmitrienko, G.I. Chemistry Waterloo	Chemical studies of dihydroflavin and tetrahydropterin mediated biological processes 3yr - 3rd Inst.	Individual	11,000	05
Do, X.D. Génie électrique Ecole Polytech.	Etude numérique et expérimentale des surtensions dans les réseaux de transport d'énergie à courant alternatif et à courant continu à très haute tension 3ans - 2ième vers.	Individuelle	10,010	11
Dobbs, A.R. Psychology Alberta	Stimulus processing in visual masking 3yr - 2nd Inst.	Individual	7,700	12
Dobos, P. Microbiology Guelph	Intracellular replication of 1) infectious pancreatic necrosis virus of trout and 2) nuclear polyhedrosis virus of spruce budworm 3yr - 2nd Inst.	Individual	25,300	02
Dodds, D.E. Electrical Eng. Saskatchewan	Digital voice coding and transmission 3yr - 2nd Inst.	Individual	9,790	11
Dodelet, J.P. Chimie - biologie Québec-INRS	Cellules photovoltaïques à base de pigments photosynthétiques	Individuelle	21,339	05
Dodson, J.J. Biologie Laval	1) L'ichtyofaune de l'estuaire de la rivière Eastman, Baie James. 2) Les interactions et la survie des larves de 3 espèces de poisson dans l'estuaire du Saint-Laurent 3ans - 3ième vers.	Individuelle	12,078	18
Dodwell, P.C. Psychology Queen's	Perceptual development, pattern & object recognition * with D.W.Muir(Queen's) 3yr - 3rd Inst.	Group	57,974	12
Doedel, E.J. Computer Science Concordia	Numerical methods for the automatic bifurcation analysis of autonomous systems	Individual	8,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dohaney, W.J. Civil Engineering New Brunswick	1) Effect of VERGLIMIT on reinforced concrete bridge decks. 2) Evaluation of the sand equivalent test procedure and test results 3yr - 1st Inst.	Individual	7,000	06
Doig, R. Geological Sciences McGill	Geological applications of isotopic analysis 3yr - 2nd Inst.	Individual	20,900	10
Doige, A.G. Mechanical Eng. Calgary	Acoustic properties of muffler systems using a two-microphone rapid-sweep excitation technique 3yr - 2nd Inst.	Individual	9,900	13
Doige, C.E. Veter. Pathol. Saskatchewan	Pathological studies of skeletal diseases in domestic animals 3yr - 1st Inst.	Individual	10,500	01
Dokainish, M.A. Mechanical Eng. McMaster	1) Continuum mechanics 2) Vehicle dynamics 3yr - 2nd Inst.	Individual	25,300	13
Dolphin, D.H. Chemistry British Columbia	The organic and inorganic chemistry of living systems 3yr - 2nd Inst.	Individual	35,200	05
Domaschuk, L. Civil Engineering Manitoba	* Principal investigator D.H.Shields(Manitoba) 3yr - 1st Inst.	Group		06
Domier, K.W. Agricuilt. Eng. Alberta	Pneumatic placement of granular fertilizers 3yr - 2nd Inst.	Individual	9,900	13
Dommel, H.W. Electrical Eng. British Columbia	Electromagnetic transients in power systems	Individual	15,700	11
Donald, M.W. Psychology Queen's	Electrophysiological studies of attention in the human brain 3yr - 3rd Inst.	Individual	18,117	12
Donaldson, J.A. Geology Carleton	Comparative studies of Precambrian sedimentary rocks 3yr - 2nd Inst.	Individual	9,900	10
Donaldson, R.W. Electrical Eng. British Columbia	Information processing and transmission 3yr - 2nd Inst.	Individual	24,860	11
Donderi, D.C. Psychology McGill	Tests of a theory of visual learning and memory 3yr - 1st Inst.	Individual	13,400	12
Dong, R.Y.Y. Physics/Astronomy Brandon	Studies of phase transitions in liquid crystals and molecular solids 3yr - 3rd Inst.	Individual	18,721	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Donini, J.C. Chemistry St. F. Xavier	The molecular basis for the toxicity of hydrogen sulfide + with J.F.Beck(St. F. Xavier)	Group	6,500	05
Donnay, G. Geological Sciences McGill	Relation of physical and chemical properties to crystal structure 3yr - 3rd Inst.	Individual	33,818	10
Donnelly, J.K. Chemical/Pet. Eng. Calgary	Reaction kinetics of Lloydminster crude	Individual	8,203	04
Doob, M. Mathematics Manitoba	1) Graphs and their eigenvalues 2) Magic properties of graphs 3yr - 2nd Inst.	Individual	7,630	16
Doolittle, W.F. Biochemistry Dalhousie	Structure-function relationships in eukaryotic 5.8S and 5S ribosomal ribonucleic acids	Individual	7,000	02
Dore, F.Y. Psychologie Laval	L'inhibition latente dans une perspective éthologique et cognitive 3ans - 2ième vers.	Individuelle	7,700	12
Dore, R. Service de la rech. Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 2ième vers.	Groupe		13
Dorlot, J.M. Génie métall. Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 2ième vers.	Groupe		13
Dosso, H.W. Physics Victoria	Geomagnetic variations and electromagnetic modelling 3yr - 2nd Inst.	Individual	18,150	10
Dostal, J. Geology Saint Mary's	Geochemical studies of some rocks 3yr - 3rd Inst.	Individual	26,572	10
Douglas, P.L. Chemical Eng. Queen's	Deposition and agglomeration of aerosols under turbulent flow conditions	Individual	8,900	04
Douglas, R.J. Physics Queen's	1) Positrons and positronium in solids 2) Positron emission tomography	Individual	9,280	15
Douglas, R.M. Physiology McGill	Neural basis of adaptation in the oculomotor system 3yr - 1st Inst.		12,000	12
Douglas, R.R. Mathematics British Columbia	Rational and integral homotopy theory / Neurophysiological time series 3yr - 2nd Inst.	Individual	7,630	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Douglas, W.J.M. Chemical Eng. McGill	Transport phenomena in impinging jets and contacting processes 3yr - 3rd Inst.	Individual	31,687	04
Dove, J.E. Chemistry Toronto	Dynamics of molecular energy transfer and ch actions 3yr - 2nd Inst.	Individual	18,700	05
Downe, A.E. Biology Queen's	Feeding and mating in haematophagous insects 3yr - 2nd Inst.	Individual	37,400	18
Downer, R.G.H. Biology Waterloo	Regulation of metabolism in insects 3yr - 2nd Inst.	Individual	27,896	01
Downie, J. Chemical Eng. Queen's	Catalysis, kinetics, and statistical design 3yr - 1st Inst.	Individual	11,400	04
Dowsett, J.A. Biology Winnipeg	* Principal investigator J.Reid(Manitoba) 3yr - 2nd Inst.	Group		03
Doyle, M.S. Computer Science Manitoba	Computer systems architecture, modelling, and performance 3yr - 1st Inst.	Individual	13,000	07
Doyle, R.W. Biology Dalhousie	Marine ecological genetics 3yr - 2nd Inst.	Individual	27,500	18
Drake, G.W.F. Physics Windsor	Theoretical studies of electron-atom and atom-atom interactions and related radiative processes 3yr - 1st Inst.	Individual	29,470	15
Drake, J.E. Chemistry Windsor	Spectroscopic and synthetic studies of main group organometalloids and hydrides 3yr - 1st Inst.	Individual	33,000	05
Drake, J.J. Geography McMaster	Studies of carbonate terrain erosion and water quality	Individual	10,000	10
Drake, T.E. Physics Toronto	IEP-61 - The proton-nucleus interaction	Project	14,000	27
Drake, T.E. Physics Toronto	Electron scattering and radiative capture studies of s-d shell nuclei; photon and proton induced fission of ²³² Th and ²³⁸ U	Individual	33,000	22
Drapeau, A.J. Génie civil Ecole Polytech.	Application du champ magnétique à la filtration des eaux 3ans - 1er vers.	Individuelle	12,000	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Draper, H.H. Nutrition Guelph	Nutritional and hormonal factors in aging bone loss 3yr - 3rd Inst.	Individual	33,939	01
Dreimanis, A. Geology Western Ontario	Glacigenic deposits and stratigraphy of last glaciation in southern part of Canada 3yr - 2nd Inst.	Individual	29,150	10
Driedzic, W.R. Biology Mount Allison	Energy metabolism in fish white muscle 3yr - 1st Inst.	Individual	14,500	01
Droste, R.L. Civil Engineering Ottawa	1) Optimization of wastewater treatment by the activated sludge process 2) Long term effects of chlorination 3yr - 3rd Inst.	Individual	9,662	06
Drouet, M.G. INRS - Energie Québec-INRS	Etude de l'émission cathodique dans un arc électrique 3ans - 3ième vers.	Individuelle	8,273	15
Drouhard, J.P. Génie bio-méd. Ecole Polytech.	Système intégré de cartographie cardiaque	Individuelle	8,000	11
Drouin, G. Génie mécanique Ecole Polytech.	Caractérisation des tissus biologiques et conception d'appareils médicaux * avec R.Doré, J.M.Dorlot, G.McIntyre, P.S.Thiry (Ecole Polytech.) 3ans - 2ième vers.	Groupe	57,750	13
Drouin, R. Chimie Laval	* Chercheur principal E.J.Knystautas (Laval) 3ans - 2ième vers.	Groupe		15
Druehl, L.D. Biolog. Sciences Simon Fraser	Ecology of benthic marine plants in the northeast Pacific 3yr - 1st Inst.	Individual	15,000	18
Drummond, J.R. Physics Toronto	Measurements of minor constituents of the atmosphere	Individual	12,000	17
Drury, S.W. Mathematics McGill	Harmonic analysis and related topics 3yr - 3rd Inst.	Individual	11,173	16
Drysdale, R.G. Civil Engineering McMaster	Behaviour of masonry and reinforced concrete 3yr - 2nd Inst.	Individual	17,050	06
Dubey, R.N. Mechanical Eng. Waterloo	Flow and instabilities in plastic solids; metal cutting and chatter 3yr - 2nd Inst.	Individual	14,850	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dubois, E. INRS-Télécomm. Québec-INRS	Interframe coding of video signals 3yr - 2nd Inst.	Individual	11,264	11
Dubois, J. Mathématiques Sherbrooke	Problemes et polytopes de transport 3ans - 3ième vers.	Individuelle	2,443	16
Dubois, J.G. Centre de rech math Montréal	Catastrophes et morphologies 3ans - 1er vers.	Individuelle	2,898	16
Dubuc, S. Math/statistique Montréal	Analyse numérique conveze 3ans - 1er vers.	Individuelle	10,332	16
Dubuque, A. Informatique Laval	Système APL réparti sur mini- et micro-ordinateur	Individuelle	9,000	07
Duckworth, H.E. Physics Winnipeg	Atomic mass determinations	Individual	23,000	22
Duckworth, H.W. Chemistry Manitoba	Structure-function in allosteric citrate synthase 3yr - 3rd Inst.	Individual	22,344	02
Duda, P.D. Psychology Guelph	Effects of concurrent memory loads on visual laterality patterns 3yr - 1st Inst.	Individual	5,000	12
Dudas, M.J. Soil Science Alberta	1) Processes in the experimental weathering of fly ash 2) Effect of humic compounds on the transport of heavy metals in soil 3yr - 3rd Inst.	Individual	15,701	10
Duerksen, J.D. Biology Calgary	Characterization of eu- and heterochromatic segments of mammalian chromatin 3yr - 3rd Inst.	Individual	36,234	02
Duff, G.F.D. Mathematics Toronto	Applications of analysis and partial differential equations 3yr - 2nd Inst.	Individual	13,564	16
Dufresne, M.J.P. Biology Windsor	Genetic and biochemical characterization of rat myoblast differentiation using somatic cell hybridization 3yr - 2nd Inst.	Individual	18,700	02
Dugan, C.H. Physics York	Laser physics and applications in photodissociation 3yr - 1st Inst.	Individual	7,280	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dugas, H. Chimie Montréal	Etude dynamique des tRNA et des ribosomes par la méthode du marqueur de spin 3ans - 2ième vers.	Individuelle	22,000	02
Duggal, K.L. Mathematics Windsor	Differential geometrical methods in mathematical physics 3yr - 1st Inst.	Individual	3,499	16
Duitschaever, C.L. Food Science Guelph	Presence of biogenic amines in Villard Noir wines and environmental factors affecting their generation or their disappearance 3yr - 1st Inst.	Individual	9,000	03
Duley, W.W. Physics York	1) Interstellar molecules and grains 2) Laser spectroscopy 3yr - 2nd Inst.	Individual	33,000	17
Dullien, F.A.L. Chemical Eng. Waterloo	1) Flow through porous media. 2) Coagulation and deposition of aerosols under turbulent flow conditions. 3) Transport properties of fluids 3yr - 2nd Inst.	Individual	29,150	04
Dumais, J.F. Sciences pures Québec-Rimouski	Dynamics of fluid interfaces 3ans - 1er vers.	Individuelle	3,400	15
Dumbroff, E.B. Biology Waterloo	1) Mechanisms of plant adjustment to environmental stress 2) Mechanisms that control dormancy and growth in sugar maple 3yr - 2nd Inst.	Individual	26,730	03
Dunbar, M.J. Marine Sci. Centre McGill	Marine ecological research in the Gulf of St. Lawrence and the Arctic 3yr - 2nd Inst.	Individual	22,000	18
Duncan, J.L. Mechanical Eng. McMaster	Industrial sheet metal forming 3yr - 2nd Inst.	Individual	26,400	13
Duncan, J.P. Mechanical Eng. British Columbia	Formation of industrial products by numerical control 3yr - 3rd Inst.	Individual	21,740	13
Duncan, R. Math/statistique Montréal	Convergence presque partout pour une certaine classe d'opérateurs 3ans - 3ième vers.	Individuelle	3,933	14
Dunell, E.A. Chemistry British Columbia	Studies of nuclear magnetic resonance in solids 3yr - 1st Inst.	Individual	10,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dunford, H.E. Chemistry Alberta	Enzyme mechanisms, oxygen radicals in biology 3yr - 1st Inst.	Individual	25,000	05
Dunham, C.B. Computer Science Western Ontario	Algorithms for best approximation 3yr - 3rd Inst.	Individual	11,353	07
Dunham, D.W. Zoology Toronto	Animal communication: the determinants of efficiency in social display systems 3yr - 1st Inst.	Individual	13,000	18
Dunham, P.J. Psychology Dalhousie	1) Adaptation to constraints on responding 2) Sex pheromones in crustacea 3yr - 3rd Inst.	Individual	17,996	12
Dunlop, D.J. Physics Toronto	Rock magnetism and paleomagnetism of continental and oceanic rocks 3yr - 3rd Inst.	Individual	36,234	10
Dunn, K.A. Mathematics Dalhousie	Anisotropic cosmological models with electromagnetic fields 3yr - 3rd Inst.	Individual	3,143	16
Dunnett, C.W. Mathematical Sci. McMaster	Multiple comparisons, selection and screening 3yr - 1st Inst.	Individual	9,625	14
Du Plessis, M.P. Mechanical Eng. Concordia	Research in fluid energy systems 3yr - 3rd Inst.	Individual	21,740	13
DuPuy, D.L. Astronomy Saint Mary's	Photometry of star clusters in the Cygnus arm 3yr - 2nd Inst.	Individual	10,450	17
Durand, M. Sciences de la terre Qué-Montréal	Etude des implications de la géologie urbaine pour l'aménagement et la construction à Montréal 3ans - 3ième vers.	Individuelle	11,353	10
Durocher, G. Chimie Montréal	Etude par spectroscopie électronique des cristaux et des solutions solides organiques 3ans - 3ième vers.	Individuelle	14,977	05
Durst, T. Chemistry Ottawa	1) Beta-Lactam Antibiotics 2) Syntheses via Benzocyclobutenols 3yr - 1st Inst.	Individual	37,000	05
Dussault, P.E. Biochimie Laval	Influence d'une déficience de vitamine B6 sur le métabolisme des acides gras du tissu nerveux 3ans - 3ième vers.	Individuelle	9,059	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dusseault, M.B. Mineral Eng. Alberta	Geomechanics of oil sands: In situ processes and materials behavior	Individual	17,000	10
Duthie, H.C. Biology Waterloo	Ecology, paleoecology, and systematics of freshwater algae 3yr - 2nd Inst.	Individual	16,500	18
Dutton, G.G.S. Chemistry British Columbia	Immunochemistry of some gram-negative bacteria 3yr - 1st Inst.	Individual	23,000	05
Duval, F. Génie électrique Sherbrooke	Application des phénomènes d'inhibition latérale à la reconnaissance de formes 3ans - 2ième vers.	Individuelle	7,810	11
Dwivedi, T.D. Mathematics Concordia	Statistical inference in linear models 3yr - 3rd Inst.	Individual	2,340	14
Dyer, C.C. Astronomy Toronto	Application of general relativity to astronomy and cosmology 3yr - 2nd Inst.		19,000	17
Eales, J.G. Zoology Manitoba	Comparative thyroid function 3yr - 3rd Inst.	Individual	34,301	01
Earhard, B. Psychology Dalhousie	Recognition processes in memory and perception 3yr - 2nd Inst.	Individual	11,440	12
Eastham, A.R. Electrical Eng. Queen's	Linear electric machines in transportation and levitation casting * with G.E.Dawson(Queen's)	Group	20,100	11
Eaton, D.R. Chemistry McMaster	The role of second coordination sphere intermediates in reactions of metal complexes 3yr - 2nd Inst.	Individual	30,800	05
Eaton, G.W. Plant Science British Columbia	Reproductive physiology and morphology of horticultural crops 3yr - 1st Inst.	Individual	14,000	03
Eaves, D.M. Mathematics Simon Fraser	Bayesian non-parametric inference 3yr - 2nd Inst.	Individual	1,958	14
Eckenwalder, J.E. Botany Toronto	Systematics of north american poplars (Populus, Salicaceae) 3yr - 3rd Inst.	Individual	9,662	18
Edelstein, M. Mathematics Dalhousie	Contributions to the geometry and topology of normed spaces 3yr - 3rd Inst.	Individual	12,078	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Edgar, A.D. Geology Western Ontario	Geochemical and experimental studies of igneous rocks and minerals 3yr - 3rd Inst.	Individual	26,572	10
Edgington, L.V. Environ. Biology Guelph	Translocation of pesticides 3yr - 3rd Inst.	Individual	35,026	03
Edmund, A.G. Geology Toronto	Osteology, stratigraphic relationships and systematic revision of giant armadillos and ground sloths	Individual	9,810	10
Edmunds, C.C. Mathematics Mt. St. Vincent	Equations over groups 3yr - 3rd Inst.	Individual	3,926	16
Edward, J.T. Chemistry McGill	Structure and reactivity of organic molecules 3yr - 2nd Inst.	Individual	35,200	05
Edwards, E.M. Computer Science Simon Fraser	A vector, virtual memory microprocessor system for APL; extensions to APL	Individual	8,000	07
Edwards, R.N. Physics Toronto	Crustal electrosounding 3yr - 3rd Inst.	Individual	19,325	10
Egelstaff, P.A. Physics Guelph	Structure and dynamics of dense fluids 3yr - 1st Inst.	Individual	64,100	15
Egerton, R.F. Physics Alberta	Analytical electron microscopy and electron energy-loss spectrometry 3yr - 1st Inst.	Individual	12,720	15
Eggers, J.L. Horticultural Sci. Guelph	The role of annual bluegrass root growth in interspecies competition 3yr - 1st Inst.	Individual	5,000	03
Ehrman, J.E. Applied Math. Western Ontario	Saturation of resistive tearing modes in toroidal plasmas 3yr - 2nd Inst.	Individual	6,050	15
Eid, M.S. Génie Moncton	Les problèmes technologiques dans le développement de l'industrie alimentaire au Nouveau-Brunswick * avec J.R.Longval, G.Poulin(Moncton)	Groupe	10,000	04
Einstein, F.W.B. Chemistry Simon Fraser	Crystal structure analysis	Individual	29,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Eiselt, H.A. Quantitative Method Concordia	Bottleneck and min-max problems	Individual	4,500	07
Eisenberg, A. Chemistry McGill	Structure and viscoelastic and thermal properties of polymers 3yr - 2nd Inst.	Individual	36,300	05
Eisenstein, Z. Civil Engineering Alberta	1) Application of constitutive models to analysis of earth structures 2) Behaviour of tunnels in soil 3) Stress-strain behaviour of oil sands 3yr - 2nd Inst.	Individual	20,900	10
Eizner Favreau, O. Psychology Montréal	Visual information processing 3yr - 2nd Inst.	Individual	16,390	12
Elbrond, J. Génie minéral Ecole Polytech.	Optimisation de la capacité et des taux de production minière 3ans - 2ième vers.	Individuelle	17,600	20
Elcock, E.W. Computer Science Western Ontario	Proofs of properties of programs: a goal of language design 3yr - 3rd Inst.	Individual	20,171	07
Eldridge, J.E. Physics British Columbia	The far-infrared photoconductivity and vibrational spectra of quasi-one-dimensional organic conductors 3yr - 2nd Inst.	Individual	21,010	15
El-Hawary, M.E.A. Electrical Eng. Memorial	Economic operation of electric power systems 2yr - 2nd Inst.	Individual	11,880	11
Elias, R.J. Earth Sciences Manitoba	Upper Ordovician solitary rugose corals of central and western North America	Individual	9,500	10
Elinson, R.P. Zoology Toronto	The role of the egg cortex in the early development 3yr - 3rd Inst.	Individual	22,550	01
El Jabi, N. Génie civil Ecole Polytech.	Analyse technico-économique des crues 3ans - 1er vers.	Individuelle	6,000	06
Ellers, E.W. Mathematics Toronto	Generators of classical groups 3yr - 1st Inst.	Individual	4,666	16
Elliott, J.R. Mathematics Wilfrid Laurier	* Principal investigator D.R.Peirson(Wilfrid Laurier) 3yr - 2nd Inst.	Group		03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Elliott, R.H. Plant Science British Columbia	Biological and chemical factors influencing insect growth and development	Individual	11,000	01
Ellis, B.E. Chemistry Guelph	Synthesis, accumulation and catabolism of secondary metabolites in plant cells 3yr - 1st Inst.	Individual	19,000	03
Ellis, R.M. Geophys./Astron. British Columbia	Seismic crustal and array studies 3yr - 2nd Inst.	Individual	22,000	10
Ellyin, F. Génie civil Sherbrooke	Comportement des matériaux et des systèmes structuraux et leur fiabilité 3ans - 3ième vers.	Individuelle	1,055	06
Ellyin, F. Mechanical Eng. Alberta	Comportement des matériaux et des systèmes structuraux et leur fiabilité 3yr - 3rd Inst.	Individual	31,556	06
ElMaraghy, H.A. Mechanical Eng. McMaster	Computer-aided design and manufacturing 3yr - 3rd Inst.	Individual	10,266	13
ElMaraghy, H.A. Mechanical Eng. McMaster	* Principal investigator J. Flusty (McMaster) 3yr - 2nd Inst.	Co-op		13
Elmasry, M.I. Electrical Eng. Waterloo	Circuit design and functional modeling of semiconductor structures for LSI 3yr - 3rd Inst.	Individual	18,117	11
Elrick, D.E. Land Resource Sc Guelph	Transport phenomena in natural porous media 3yr - 2nd Inst.	Individual	18,700	10
El-Serafi, A.M. Electrical Eng. Saskatchewan	Transient phenomena of synchronous machines with special reference to their stability improvements	Individual	14,300	11
Elson, C.M. Chemistry Saint Mary's	Determination of ultra-trace elements in geological materials; thallium & gold 3yr - 2nd Inst.	Individual	8,800	05
Embury, J.D. Metal/Mat. Science McMaster	Plastic deformation at large plastic strains 3yr - 2nd Inst.	Individual	37,950	04
Emery, A.R. Forestry Toronto	Mechanisms of speciation in fishes 3yr - 1st Inst.	Individual	5,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Emery, J.U. Civil Engineering Toronto	Simulation of time-dependent problems in geotechnology 3yr - 1st Inst.	Individual	17,500	10
Emery, W.U. Oceanography British Columbia	Monthly surveys of the upper waters in the Central Strait of Georgia	Individual	11,500	10
Enesco, H.E. Biology Concordia	Lifespan: influence of nutritional and cellular factors 3yr - 2nd Inst.	Individual	5,500	02
Engel, C.R. Chimie Laval	1) Projet individuel: "Problèmes de chimie organique" 2) Projet conjoint avec M. le Prof. R.H. Burnell: "Synthèses d'alcaloïdes du type de la cèvine" 3ans - 3ième vers.	Individuelle	18,600	05
Engelhardt, F.R. Biology Ottawa	Contaminant effects on steroid hormone physiology	Individual	14,761	02
England, J. Geography Alberta	Quaternary glaciation, glacio-isostasy and paleoclimatic change, Northern Ellesmere Island 3yr - 1st Inst.	Individual	16,000	10
Enns, E.G. Math/Statistics Calgary	Innovative statistical models 3yr - 1st Inst.	Individual	4,060	14
Enns, K. Chemical Eng. Waterloo	Recovery of cyanide and heavy metals from gold cyanidation wastes 3yr - 2nd Inst.	Individual	8,800	04
Enns, R.H. Physics Simon Fraser	Theoretical analysis of nonlinear phenomena (with an emphasis on nonlinear optics) 3yr - 1st Inst.	Individual	13,790	15
Enright, W.H. Computer Science Toronto	The reliability of numerical methods for ODEs and the production of efficient robust software 3yr - 3rd Inst.	Individual	18,117	07
Epand, R.M. Biochemistry McMaster	Conformational and biological properties of glucagon and its membrane receptor 3yr - 3rd Inst.	Individual	30,195	02
Eppeil, F.U.T. Architecture Tech Univ N.S.	Self closing doors as barriers within the pedestrian accessible network 3yr - 2nd Inst.	Individual	9,350	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Epstein, M. Mechanical Eng. Calgary	Non-linear mechanics of structures 3yr - 2nd Inst.	Individual	11,000	06
Epstein, N. Chemical Eng. British Columbia	Transfer processes 3yr - 2nd Inst.	Individual	40,150	04
Erbe, L.H. Mathematics Alberta	Disconjugacy, oscillation, and boundary value problems for ODEs 3yr - 1st Inst.	Individual	9,332	16
Erdman, K.L. Physics British Columbia	* Principal investigator R.R.Johnson(B.C.)	Project		27
Erdman, K.L. Physics British Columbia	* Principal investigator B.L.White(B.C.)	Project		27
Ervin, F.R. Psychiatry McGill	* Principal investigator R.D.Pihl(McGill) 3yr - 2nd Inst.	Group		12
Eskin, N.A.M. Foods/Nutrition Manitoba	Phosphatases in fababeans 3yr - 3rd Inst.	Individual	4,831	02
Esmail, M.N. Chem & Chem Eng. Saskatchewan	Isothermal and non-isothermal fluid flows in open and closed channels 3yr - 1st Inst.	Individual	11,400	04
Etches, R.J. Animal/Poultry Sc. Guelph	The endocrine control of ovulation in birds 3yr - 3rd Inst.	Individual	17,712	01
Etkin, B. Aerospace Studies Toronto	Researches in applied aerodynamics 3yr - 1st Inst.	Individual	29,000	13
Etsell, T.H. Mineral Eng. Alberta	Ceramic electrolytes and high temperature kinetics 3yr - 3rd Inst.	Individual	14,777	04
Eu, B.C. Chemistry McGill	Kinetic theory and nonlinear irreversible thermodynamics of dense fluids 3yr - 1st Inst.	Individual	28,000	05
Evans, H.C. Physics Queen's	* Principal investigator W.McLachrie(Queen's)	Group		22
Evans, H.C. Physics Queen's	* Principal investigator G.T.Ewan(Queen's)	Co-op		22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Evans, L.E. Plant Science Manitoba	The genetic analyses and improvement of economically important characters in spring wheat, winter wheat, fababeans and other grain legumes 3yr - 2nd Inst.	Individual	24,200	03
Evans, L.J. Land Resource Sc Guelph	Phenolic acids and podzolisation 3yr - 1st Inst.	Individual	12,000	10
Evans, M.E. Physics Alberta	Quaternary paleomagnetism of Western Canada and archeomagnetic investigations 3yr - 1st Inst.	Individual	26,000	10
Evans, M.J. Physical Science Toronto	Multivariate statistics and statistical inference 3yr - 1st Inst.	Individual	1,190	14
Evans, R.D. Environmetal Sci. Trent	Prediction of whole lake sediment accumulation	Individual	5,000	18
Evans, R.M. Zoology Manitoba	Behavioral ecology of colonial birds 3yr - 2nd Inst.	Individual	15,400	18
Evans, W.G. Entomology Alberta	Habitat selection in halophilic carabid beetles (Coleoptera) 3yr - 2nd Inst.	Individual	3,850	18
Evans, W.S. Biology Winnipeg	Studies on the populations of helminths * with M.M.A.Novak(Winnipeg) 3yr - 1st Inst.	Group	12,000	01
Evensen, N.M. Geology Toronto	Analysis and modeling of isotopic variations in geologic systems	Individual	15,500	10
Everell, M.D. Mines & métallurgie Laval	Dimensionnement des circuits industriels de comminution 3ans - 3ième vers.	Individuelle	9,505	10
Ewan, G.T. Physics Queen's	* Principal investigator W.McLatchie(Queen's)	Group		22
Ewan, G.T. Physics Queen's	Nuclei far from stability * with H.C.Evans(Queen's), R.E.Azuma(Toronto)	Co-op	27,000	22
Eyre, P. Biomed Sciences Guelph	Pulmonary inflammatory and related homeostatic mechanisms of domestic herbivores 3yr - 2nd Inst.	Individual	38,500	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fackrell, H.B. Biology Windsor	Immunologic characterization of staphylococcal alpha toxin 3yr - 2nd Inst.	Individual	14,300	02
Fahey, E.D. Geography Guelph	Hydration shattering as a rock weathering mechanism in cold climates	Individual	9,000	10
Fahidy, T.Z. Chemical Eng. Waterloo	Development of novel electrochemical reactors 3yr - 2nd Inst.	Individual	26,950	04
Fahlman, G.G. Geophys./Astron. British Columbia	1) Stellar spectroscopy 2) Data analysis 3) Theoretical astrophysics 4) Area photometry 3yr - 2nd Inst.	Individual	11,000	17
Fahlman, G.G. Geophys./Astron. British Columbia	* Principal investigator G.A.H.Walker(E.C.) 3yr - 1st Inst.	Co-op		17
Fahmy, M.M. Electrical Eng. Queen's	Analysis and design of digital filters 3yr - 2nd Inst.	Individual	16,280	11
Fahraeus, L.E. Geology Memorial	Conodontophorid paleobiology. ordovician chrono- and biostratigraphy, and Lower Carboniferous ostracodes from south-western Newfoundland 3yr - 2nd Inst.	Individual	14,850	10
Fahselt, D. Plant Science Western Ontario	Systematics of lichens: a biochemical approach 3yr - 1st Inst.	Individual	12,000	18
Faig, W. Surveying Eng New Brunswick	Photogrammetrie subsidence monitoring 3yr - 1st Inst.	Individual	13,000	06
Fairman, F.W. Electrical Eng. Queen's	Functional observers and 2-D filters	Individual	17,400	11
Falconer, D.D. Systems Eng. Carleton	Echo cancellation techniques for full-duplex two-wire digital transmission	Individual	13,700	11
Falk, W.R. Physics Manitoba	* Principal investigator P.L.Walden(B.C.)	Project		27
Falk, W.R. Physics Manitoba	* Principal investigator E.G.Auld(B.C.)	Project		27
Falk, W.R. Physics Manitoba	Polarization phenomena and nuclear structure studies using direct reactions	Individual	26,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fallding, M.H. Biomed Sciences Guelph	Controls of differentiation: 1) Action of vitamin A in a model in vitro system 2) Dermal- epidermal interactions in health and disease 3yr - 1st Inst.	Individual	13,000	02
Fallis, A.G. Chemistry Memorial	Studies in synthetic organic chemistry and marine natural products 3yr - 2nd Inst.	Individual	22,000	05
Falls, J.E. Zoology Toronto	Behaviour and populations of terrestrial vertebrates 3yr - 3rd Inst.	Individual	41,065	18
Falter, H. Chemistry Laurentian	* Principal investigator M.A. Persinger (Laurentian)	Group		12
Fam, W.Z. Electrical Eng. Tech Univ N.S.	Small photovoltaic power systems 3yr - 2nd Inst.	Individual	12,430	11
Fancott, T. Computer Science Concordia	Multimicroprocessor systems architecture and applications	Individual	10,000	07
Fankboner, P.V. Biology Sciences Simon Fraser	Feeding biology of sea cucumbers 3yr - 1st Inst.	Individual	11,000	01
Farah, A. Engineering Laurentian	Assessment and enhancement of the serviceability of structures subjected to dynamic loading 3yr - 1st Inst.	Individual	6,500	06
Farahat, H.K. Math/Statistics Calgary	Representation theory, abelian groups, commutative algebra 3yr - 1st Inst.	Individual	7,000	16
Farnell, G.W. Electrical Eng. McGill	Travelling wave interactions in solids 3yr - 1st Inst.	Individual	19,800	11
Farouq Ali, S.M. Mineral Eng. Alberta	Effect of the nonuniqueness of history matching on predictions 3yr - 2nd Inst.	Individual	13,200	04
Farquhar, G.J. Civil Engineering Waterloo	Quantifying methane migration from landfills 3yr - 1st Inst.	Individual	15,000	06
Farquhar, R.M. Physics Toronto	Lead isotope ratio variations	Individual	3,000	10
Farrall, M.J. Chemistry Ottawa	Synthesis and applications of photolabile and photocrosslinkable polymers 3yr - 2nd Inst.		11,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Farrar, E. Geology Queen's	Cordilleran geochronology and the kinematic and tectonic consequences of ridge subduction 3yr - 2nd Inst.	Individual	14,850	10
Farrell, A.P. Biology Mount Allison	Autoregulation of blood flow in fish gills 3yr - 2nd Inst.		17,000	01
Farrell, P.G. Chemistry McGill	Studies of intra- and inter-molecular interactions 2yr - 1st Inst.	Individual	13,500	05
Farvolden, R.N. Earth Sciences Waterloo	1) Studies in groundwater runoff 2) Well field response to long term pumping	Individual	7,100	10
Faubert, G.M. Parasitology Macdonald Coll.	Experimental parasitology 3yr - 1st Inst.	Individual	16,000	01
Faucher, G. Génie mécanique Laval	Chauffage solaire: performance énergétique	Individuelle	5,500	13
Faucher, G. Génie-physique Ecole Polytech.	Eclairage des bâtiments par lumiducs	Individuelle	9,000	13
Faulkner, M.G. Mechanical Eng. Alberta	1) Fatigue of welded joints 2) Railroad retarder squeal 3yr - 2nd Inst.	Individual	12,650	13
Faulkner, P. Microbiology Queen's	Alteration of virulence of a spruce budworm baculovirus: In vitro studies 3yr - 3rd Inst.	Individual	12,078	02
Fawcett, E. Physics Toronto	1) Fermi surface and its strain dependence in transition metals 2) Strain-dependent magnetic properties of transition metals 3) Critical phenomena in magnetic systems 3yr - 3rd Inst.	Individual	50,788	15
Fawcett, J.J. Geology Toronto	Field and experimental studies in igneous and metamorphic petrology	Individual	13,000	10
Fawcett, J.J. Geology Toronto	* Principal investigator J.Gittins(Toronto) 2yr - 1st Inst.	Co-op		10
Fawcett, W.R. Chemistry Guelph	Studies in interfacial electrochemistry 3yr - 2nd Inst.	Individual	33,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fawzi, T.H. Electrical Eng. Toronto	Investment planning of electrical systems 3yr - 1st Inst.		10,000	11
Fazio, P.P. Ctre.-Build. Stud. Concordia	Building systems - behavior and design of systems, components, connections 3yr - 3rd Inst.	Individual	22,948	06
Fearing, H.W. TRIUMF British Columbia	Theoretical intermediate energy physics 3yr - 2nd Inst.	Individual	20,735	15
Fedigan, L.M. Anthropology Alberta	Sex differences in reproductive and demographic patterns in macaques 3yr - 1st Inst.	Individual	15,300	18
Feher, K. Electrical Eng. Ottawa	Digital/analog satellite, microwave and cable transmission	Individual	34,000	11
Feininger, T. Geology Laval	Comparative petrology and tectonic history of the Quebec Appalachians and the Ecuadorian Andes	Individual	7,200	10
Fekete, G.I. Mechanical Eng. McGill	Wind energy, wind engineering 3yr - 2nd Inst.	Individual	7,150	13
Feldman, D. Ctre.-Build. Stud. Concordia	Polymers for energy conservation and solar energy applications 3yr - 2nd Inst.	Individual	15,400	06
Feldman, J.S. Mathematics British Columbia	Legendre transforms and n- particle irreducibility in quantum field theory 3yr - 1st Inst.	Individual	3,499	16
Fellenius, B.H. Civil Engineering Ottawa	The geotechnical engineering behaviour of Champlain Clays and soil improvement methods	Individual	11,000	10
Feller, M.C. Forestry British Columbia	Continued investigations of the effects of forest management on site biogeochemistry and streamwater chemistry 3yr - 1st Inst.		11,000	18
Fellows, D.M. Computer Science New Brunswick	* Principal investigator J.M.DeDourek(N.B.)	Group		07
Fels, M. Chemical Eng. Lakehead	Electrochemical degradation of waste metabolites in dialysate 3yr - 2nd Inst.	Individual	7,150	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Feltham, L.A.W. Biochemistry Memorial	1) Seasonal amino acid variation in marine fish; 2) Ne-(G-glutamyl) lysine isodipeptide in winter flounder; 3) The effect of temperature on proteolytic enzymes in marine fish 3yr - 1st Inst.	Individual	12,000	01
Fenichel, N.H. Mathematics British Columbia	Stability of dynamical systems 3yr - 3rd Inst.	Individual	12,381	16
Fensom, D.S. Biology Mount Allison	Measurement of bio-electric phenomena and transport in living plants 3yr - 1st Inst.	Individual	18,000	03
Fenton, M.E. Biology Carleton	Ecology and behaviour of bats 3yr - 1st Inst.	Individual	25,000	18
Fenton, R.G. Mechanical Eng. Toronto	Computer aided design of mechanisms; analysis of metal forming processes 3yr - 2nd Inst.	Individual	13,750	13
Fentress, J.C. Psychology Dalhousie	Boundary conditions of species behavior patterns 3yr - 2nd Inst.	Individual	33,990	12
Fenwick, J.C. Biology Ottawa	Calcium metabolism in fish and the role of vitamin D metabolites 3yr - 1st Inst.	Individual	22,500	01
Ferch, H.J. Computer Science Manitoba	Real-time routing control systems	Individual	8,000	07
Ferguson, G. Chemistry Guelph	X-ray investigations of molecular structures 3yr - 2nd Inst.	Individual	47,300	05
Ferguson, H.B. Psychology Carleton	Ontogeny of learning and memory in the rat 3yr - 2nd Inst.	Individual	6,600	12
Ferguson, H.W. Pathology Guelph	The effect of ph and starvation on reticuloendothelial (RE) clearance in rainbow trout	Individual	8,000	01
Ferguson, M.J. INRS-Télécomm. Québec-INRS	Limits to integrated switching	Individual	7,655	11
Ferguson, R.B. Earth Sciences Manitoba	Crystal-chemical and petrogenetic studies of the rock-forming feldspars and other minerals 3yr - 2nd Inst.	Individual	23,100	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ferland, J.A. Infor. & rech opér. Montréal	Programmation quadratique appliquée aux problèmes de transport et techniques de sous- gradients 3ans - 3ième vers.	Individuelle	22,586	07
Fernando, C.H. Biology Waterloo	Ecology of small freshwater habitats and systematics and ecology of freshwater invertebrates 3yr - 3rd Inst.	Individual	24,156	18
Fernando, M.A. Pathology Guelph	Host-cell parasite interaction in the coccidia 3yr - 2nd Inst.	Individual	26,400	01
Fernie, J.D. Astronomy Toronto	Investigations of variable stars and stellar photometry 3yr - 2nd Inst.	Individual	23,100	17
Ferroni, G.D. Biology Laurentian	The rates of bacterial heterotrophic activities in lakes of the Sudbury area 3yr - 1st Inst.	Individual	6,000	18
Feuerstein, I.A. Chemical Eng. McMaster	Surface shear rates and flow instabilities in arterial models 3yr - 1st Inst.	Individual	13,400	04
Feuerverger, A. Statistics Toronto	Fourier methods in inference 3yr - 2nd Inst.	Individual	3,841	14
Fick, G.H. Math/Statistics Calgary	The analysis of linear models with general error forms 3yr - 3rd Inst.	Individual	2,993	14
Field, C.A. Mathematics Dalhousie	Small sample asymptotic distributions for robust estimates 3yr - 3rd Inst.	Individual	8,242	14
Field, J.A.A. Electrical Eng. Waterloo	Computer communications 3yr - 2nd Inst.	Individual	8,690	11
Fieldhouse, D.J. Math/Statistics Guelph	Coherence of polynomial rings 3yr - 3rd Inst.	Individual	2,443	16
Fields, J.L. Mathematics Alberta	Asymptotic analysis and rational approximation 3yr - 3rd Inst.	Individual	4,190	16
Filion, W.G. Botany Toronto	Plant cytogenetics 3yr - 2nd Inst.	Individual	13,200	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fillmore, P.A. Mathematics Dalhousie	Extensions of C-algebras 3yr - 2nd Inst.	Individual	16,954	16
Filosa, M.F. Zoology Toronto	Differentiation in cellular slime moulds and the immune system of fish 3yr - 3rd Inst.	Individual	7,247	02
Filseth, S.V. Chemistry York	Laser studies of chemical kinetics * with T.Carrington, C.M.Sadowski(York) 3yr - 3rd Inst.	Group	22,465	05
Finch, J.A. Mining/Metal. Eng. McGill	Mineral separation in high gradient magnetic fields 3yr - 2nd Inst.	Individual	12,100	04
Findlay, J.A. Chemistry New Brunswick	Structure and synthesis of compounds of biological interest	Individual	17,000	05
Findlay, R.D. Electrical Eng. New Brunswick	Electromagnetic fields in electric power apparatus	Individual	2,808	11
Findlay, R.D. Electrical Eng. McMaster	Electromagnetic fields in electric power apparatus 3yr - 1st Inst.	Individual	4,991	11
Finke, G. Applied Math. Tech Univ N.S.	Network models with overshipment	Individual	8,500	07
Finlayson, T. Biolog. Sciences Simon Fraser	Classification of immature stages of insect parasites of forest and agricultural pests	Individual	8,000	01
Finley, M.R. Informatique Laval	Systèmes d'information visuelle utilisant les fibres optiques	Individuelle	10,000	07
Finn, W.D.L. Graduate Studies British Columbia	1) Seismic response of ground, slopes and earth dams 2) Simulated earthquake testing of soils 3) Geotechnical engineering in ocean 4) Soil- structure interaction 5) Yielding and deformation of soils 6) Seepage and heat condition in soils 3yr - 3rd Inst.	Individual	45,896	10
Fischer, A. Chemistry Victoria	Aromatic reactivity 3yr - 2nd Inst.	Individual	22,000	05
Fischer, C.W. Physics Guelph	Behavior of marker layers in anodic GaAs oxides	Individual	8,280	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fiset, M. Mines & métallurgie Laval	Etude sur les mécanismes d'usure par abrasion des aciers présentant diverses microstructures	Individuelle	5,000	04
Fisher, D.G. Chemical Eng. Alberta	Computer control of multivariable processes 3yr - 1st Inst.	Individual	31,400	04
Fisher, J.C. Mathematics Regina	Structures in finite geometries 3yr - 2nd Inst.	Individual	2,120	16
Fitt, P.S. Biochemistry Ottawa	DNA repair in moderate and extreme halophiles	Individual	17,000	02
FitzGerald, G.U. Biologie Laval	Competitive interactions in a four species tidal marsh Gasterosteidae community 3ans - 3ième vers.	Individuelle	9,662	18
Fitzgerald, M.P. Physics Waterloo	1) Problems in galactic structure 2) Studies in interstellar material 3) V 1016 cygni and similar objects 4) Photometry and spectroscopy in galactic clusters and H II regions 3yr - 3rd Inst.	Individual	21,740	17
FitzGibbon, J.E. Geography Saskatchewan	Water balance and runoff study of an organic drainage system	Individual	6,500	10
Fixman, U. Math/Statistics Queen's	Modules and linear transformations 3yr - 1st Inst.	Individual	2,722	16
Flanagan, R.C. Mechanical Eng. Ottawa	1) Alternate power trains for urban road vehicles 2) Advanced internal combustion engines R & D 3yr - 3rd Inst.	Individual	10,870	13
Fleet, M.E.L. Geology Western Ontario	Crystal chemistry and physics of minerals 3yr - 3rd Inst.	Individual	24,156	10
Fleming, A. Psychology Toronto	Olfactory, limbic and hormonal control of maternal behaviour in the rat 3yr - 3rd Inst.	Individual	15,701	12
Fleming, D.G. Chemistry British Columbia	IEP-17 - Muonium chemistry in gases and solids * with J.H.Brewer, D.C.Walker (B.C.), P.W.Percival (Simon Fraser)	Project	77,000	27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fleming, D.G. Chemistry British Columbia	* Principal investigator J.H.Brewer(B.C.)	Project		27
Fleming, D.G. Chemistry British Columbia	* Principal investigator P.W.Percival(Simon Fraser)	Project		27
Fleming, D.G. Chemistry British Columbia	* Principal investigator G.Jones(B.C.)	Project		27
Fleming, R.J. Electrical Eng. Saskatchewan	A study of voltage and frequency regulation in electric power systems 3yr - 1st Inst.	Individual	9,900	11
Flengas, S.N. Metal/Mat. Science Toronto	Electrochemical and thermodynamic properties of materials at high temperatures 3yr - 2nd Inst.	Individual	36,500	04
Fletcher, G.L. Mar. Sc. Res. Lab Memorial	Adaptive mechanisms of fish to seasonally cycling environments 3yr - 1st Inst.	Individual	21,000	01
Fletcher, R. Physics Queen's	Galvanomagnetic, thermomagnetic and magnetothermoelectric properties of metals 3yr - 2nd Inst.	Individual	21,637	15
Fletcher, R.A. Environ. Biology Guelph	Hormonal and chemical regulation of plant senescence 3yr - 2nd Inst.	Individual	11,880	03
Fletcher, W.K. Geology British Columbia	Development and utilization of regional geochemical techniques 3yr - 2nd Inst.	Individual	18,700	10
Fleury, M. Education physique Laval	Les conséquences de travail physique sollicitant une source d'énergie spécifique et d'un travail perceptuel intense sur la performance de tâches perceptuelles complexes 3ans - 1er vers.	Individuelle	6,000	12
Flint, J.J. Geological Sciences Brock	Fluvial morphology and sediment transport in armoured streams	Individual	6,000	10
Fliszar, S. Chimie Montréal	Charge distributions and chemical effects 3ans - 2ième vers.	Individuelle	27,500	05
Flock, D.L. Mineral Eng. Alberta	The effect of chemical and thermal energy on recovery of bitumen and heavy crude oil	Individual	5,000	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Florian, M.A. Infor. & rech opér. Montréal	Network optimization algorithms, computational methods for network equilibrium models 3ans - 2ième vers.	Individuelle	40,700	20
Foley, J.E. Psychology Toronto	The mental representation of large-scale space 3yr - 1st Inst.	Individual	6,000	12
Foley, P. Industrial Eng. Toronto	Studies in human factors engineering as applied to industrial engineering 3yr - 3rd Inst.	Individual	17,030	20
Fong, A.C.W. Comp. & Info. Sc. Guelph	Implementation of non-procedural languages and applications	Individual	5,500	07
Fong, C.K. Mathematics Toronto	Operator theory 3yr - 2nd Inst.		3,300	16
Fontaine, A.R. Biology Victoria	Structure and function of echinoderm coelomocytes 3yr - 1st Inst.	Individual	11,100	01
Fontaine, G. Physique Montréal	Etude des propriétés physiques des étoiles naines blanches 3ans - 1er vers.	Individuelle	21,880	17
Ford, D.C. Geography McMaster	1) Groundwater flow and cavern genesis in soluble rocks 2) Quaternary dating & palaeothermometry of calcite speleothem 3) Karst studies in Canada 3yr - 3rd Inst.	Individual	44,689	10
Ford, J.D. Chemical Eng. Waterloo	1) Direct contact condensation 2) Solid-gas reactions 3) Microwave drying 3yr - 3rd Inst.	Individual	12,966	04
Forer, A. Biology York	Mechanisms and control of chromosome movements during cell-division 3yr - 3rd Inst.	Individual	48,312	02
Forest, T.W. Mechanical Eng. Alberta	Kinetics of phase changes in liquids 3yr - 1st Inst.	Individual	10,000	13
Forgie, D.J.L. Civil Engineering Saskatchewan	Effects of organic shockloading and temperature on rotating biological contactor treatment efficiency 3yr - 3rd Inst.	Individual	9,662	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Forrest, B.J. Chemistry Dalhousie	Nuclear magnetic resonance of membranes 3yr - 1st Inst.		16,000	05
Forrest, D.L. Psychology Dalhousie	Cognitive and meta-cognitive aspects of reading in normal and exceptional populations	Individual	5,000	12
Forrest, T.P. Chemistry Dalhousie	Stereochemical and mechanistic investigations by NMR spectroscopy 3yr - 1st Inst.	Individual	8,500	05
Forsberg, C.W. Microbiology Guelph	Characterization and localization of carbohydrate hydrolyzing enzymes in Bacteroides succinogenes and rumen contents 3yr - 1st Inst.	Individual	13,000	02
Forst, W. Chimie Laval	Etudes en chimie théorique et en cinétique chimique 3ans - 3ième vers.	Individuelle	27,297	05
Forsyth, G.W. Vet. Physiology Saskatchewan	Ionophore activity of enterotoxins and other intestinal secretory agents 3yr - 3rd Inst.	Individual	9,675	01
Forsyth, P.A. Physics Western Ontario	Radio studies of the upper atmosphere * with J.A.Fulford, G.F.Lyon, J.W.MacDougall (Western Ontario)	Group	53,000	17
Forsyth, P.A. Physics Western Ontario	* Principal investigator G.Rostoker (Alberta)	Co-op		17
Forsyth, P.A. Physics Western Ontario	* Principal investigator J.W.MacDougall (Western Ontario)	Co-op		17
Forte, B. Applied Math. Waterloo	Information theory - Applications to statistical physics and communications 3yr - 2nd Inst.	Individual	10,173	16
Fortin, A. Psychologie Montréal	* Chercheur principal M.Robert (Montréal) 3ans - 2ième vers.	Groupe		12
Fortin, E. Physics Ottawa	Optical, magneto-optical and photoelectric properties of semiconductors 3yr - 3rd Inst.	Individual	18,032	15
Fortin, J.A. Pédologie/écologie Laval	Symbioses racinaires chez les plantes forestières 3ans - 3ième vers.	Individuelle	27,779	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fortin, J.A. Pédologie/écologie Laval	* Chercheur principal D.Malloch(Toronto) 3ans - 1er vers.	Coop		03
Fortin, M. Mathématiques Laval	Eléments finis en mécanique des fluides 3ans - 1er vers.	Individuelle	7,000	16
Fortin, M.A. Sciences pures Qué-Chicoutimi	Production d'espèces excitées métastables	Individuelle	2,000	15
Fortin, Y. Expl./util. des bois Laval	Préséchage mécanique du bois 3ans - 1er vers.	Individuelle	7,000	21
Foulds, J.B. Mathematical Sci. St. F. Xavier	The utilization of detritus by marine invertebrates 3yr - 3rd Inst.	Individual	8,455	18
Foulkes, F.R. Chem Eng/App Chem Toronto	Electrochemical systems 3yr - 2nd Inst.	Individual	11,000	04
Fouriezos, G. Psychology Ottawa	The current-distance relation in brain stimulation reward 3yr - 1st Inst.	Individual	7,000	12
Fournier, A. Computer Science Toronto	Modeling in computer graphics	Individual	9,000	07
Fournier, G. Mathématiques Sherbrooke	Théorie des points fixes et applications 3ans - 2ième vers.	Individuelle	5,086	16
Fournier, J.J.F. Mathematics British Columbia	Harmonic analysis 3yr - 1st Inst.	Individual	9,332	16
Fournier, R.D. Oceanography Dalhousie	Mechanisms of enrichment of the Scotia shelf 3yr - 3rd Inst.	Individual	16,909	18
Fowke, L.C. Biology Saskatchewan	Cytological studies of plant cell differentiation and hybridization 3yr - 3rd Inst.	Individual	28,987	02
Fowler, D.B. Crop Dev. Ctre. Saskatchewan	Genetics and improvement of cold hardiness in winter wheat (Triticum aestivum L.) 3yr - 1st Inst.	Individual	20,000	03
Fox, B.L. Infor. & rech opér. Montréal	Statistical aspects of simulation 3ans - 3ième vers.	Individuelle	25,002	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fox, R.C. Geology/Zoology Alberta	Upper cretaceous and lower tertiary vertebrates from western Canada 3yr - 3rd Inst.	Individual	21,016	10
Fraga, S. Chemistry Alberta	Structure and reactivity	Individual	21,000	05
Fragata, M. Chimie - biologie Qué.-Trois-Riv	Relation of lipid-lipid and lipid-protein interactions to energy transformations in photosynthesis 3ans - 2ième vers.	Individuelle	12,650	02
Francis, D. Geological Sciences McGill	Origin and evolution of basic magmas in the upper mantle	Individual	17,000	10
Francis, T. Nutrition/Food Sci Toronto	Hemicelluloses in foods 3yr - 3rd Inst.	Individual	9,662	02
Franck, J.P. Physics Alberta	Properties of quantum solids 3yr - 1st Inst.	Individual	17,000	15
Francoeur, A. Sciences pures Qué.-Chicoutimi	Taxonomie, écologie et biogéographie des fourmis (Formicidae, Hymenoptera) 3ans - 1er vers.	Individuelle	22,000	18
Frank, B. Physics Concordia	Three-dimensional Ising model: critical region 3yr - 1st Inst.	Individual	7,370	15
Franklin, K.E.J. Psychology McGill	Brain neurotransmitter systems and self-stimulation: site specific reward and performance effects 3yr - 1st Inst.	Individual	12,000	12
Franklin, M. Biology Windsor	Physiology of aquatic psychrophiles 3yr - 3rd Inst.	Individual	9,662	02
Franklin, U.M. Metal/Mat. Science Toronto	Experimental studies of ancient metal technology 3yr - 2nd Inst.	Individual	14,300	04
Fransham, P.B. Earth Sciences Waterloo	Geophysical response of surficial geologic materials	Individual	8,500	10
Franz, N.C. Faculty of Forestry British Columbia	Ultra high pressure jet cutting systems	Individual	5,000	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Fraser, A.R. Chimie Moncton	Mécanismes de l'élongation de la synthèse protéique chez les procaryotes 3ans - 1er vers.	Individuelle	11,000	02
Fraser, D.A.S. Statistics Toronto	Foundations and methods of inference 3yr - 3rd Inst.	Individual	32,211	14
Fraser, P.A. Applied Math. Western Ontario	Theoretical studies in atomic collisions 3yr - 3rd Inst.	Individual	12,078	15
Fraser, R.R. Chemistry Ottawa	The stereochemistry of organic compounds 3yr - 1st Inst.	Individual	28,000	05
Fraser-Reid, E.D. Chemistry Waterloo	Carbohydrate derivatives in the asymmetric synthesis of biologically important natural products; synthesis of antibiotic sugars	Individual	15,000	05
Frechet, J.M.J. Chemistry Ottawa	Synthesis and applications of functional polymers	Individual	26,000	05
Frecker, R.C. Bio-Med Eng. Toronto	Instrumentation for measuring drug effects on the human brain	Individual	22,300	11
Frederiksen, C.H. Educational Psych. McGill	Inference in children's comprehension of discourse 3yr - 2nd Inst.	Individual	13,090	12
Fredlund, D.G. Civil Engineering Saskatchewan	Engineering behavior of unsaturated and swelling soils 3yr - 3rd Inst.	Individual	18,117	10
Freedhoff, H.S. Physics York	Theoretical studies in molecular and solid-state spectroscopy 3yr - 3rd Inst.	Individual	5,435	15
Freedman, B. Biology Dalhousie	Factors affecting the primary productivity and plant diversity in a high Arctic oasis at Alexandra Fiord, Ellesmere Island, N.W.T. 3yr - 2nd Inst.	Individual	16,500	18
Freedman, H.I. Mathematics Alberta	Periodicity, stability, and population ecology 3yr - 1st Inst.	Individual	9,332	16
Freedman, N.L. Psychology Queen's	Task-dependent aspects of reward 3yr - 3rd Inst.	Individual	2,899	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Freeman, G.R. Chemistry Alberta	Radiation chemistry, electrons in fluids 2yr - 2nd Inst.	Individual	49,500	05
Freeze, R.A. Geological Sciences British Columbia	Groundwater in geological processes 3yr - 1st Inst.	Individual	34,000	10
Frei, A. Mathematics British Columbia	Shape theory, applications in algebra, topology and pattern recognition 3yr - 2nd Inst.	Individual	3,815	16
Frei, G.H. Mathématiques Laval	Théorie des nombres algébriques 3ans - 3ième vers.	Individuelle	1,746	16
Freibergs, I. Mathématiques Qué-Montréal	La spécification non- algorithmique des modèles de gestion	Individuelle	4,500	07
Freitag, R. Biology Lakehead	1) Systematics and biology of tiger beetles 2) Ecology of Ithyacerus noveborascensis 3yr - 3rd Inst.	Individual	14,494	18
French, D. Mechanical Eng. Waterloo	Computer aid design and computer aided manufacture 3yr - 2nd Inst.	Individual	20,350	13
French, H.M. Geology/Geography Ottawa	1) Geomorphic process studies, Banks Island, Western Arctic 2) Late Quaternary coastal and fluvial environments, Ottawa region 3yr - 3rd Inst.	Individual	16,305	10
French, J.B. Aerospace Studies Toronto	Hypersensitive trace gas systems research 3yr - 3rd Inst.	Individual	30,479	04
Fresco, J. Chemistry McGill	Trace analysis of platinum group elements 3yr - 1st Inst.	Individual	6,000	05
Friars, G.W. Animal/Poultry Sc. Guelph	Pilot organism check of theory related to the use of information from relatives in enhancing selection progress 3yr - 3rd Inst.	Individual	16,909	18
Friberg, B. Mathematics Saskatchewan	The continued investigation of the stable homeomorphism conjecture in dimension four, SHC(4) 3yr - 3rd Inst.	Individual	2,443	16
Friedlander, J.E. Physical Science Toronto	Research in number theory 3yr - 1st Inst.	Individual	7,000	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Friedman, N. Computer Science McGill	Topics in the design and analysis of algorithms	Individual	6,000	07
Friend, W.G. Zoology Toronto	Comparative studies in physiology, nutrition, and feeding behaviour of blood-feeding insects 3yr - 3rd Inst.	Individual	22,550	01
Friesen, J.D. Biology York	1) Structure and expression of ribosomal genes 2) Regulation of transcription and translation in microorganisms 3yr - 3rd Inst.	Individual	13,773	02
Friesen, J.D. Medical Genetics Toronto	1) Structure and expression of ribosomal genes 2) Regulation of transcription and translation in microorganisms 3yr - 3rd Inst.	Individual	70,773	02
Frind, E.D. Earth Sciences Waterloo	Mathematical modelling of flow and transport in hydrogeologic systems 3yr - 1st Inst.	Individual	26,000	10
Frindt, R.F. Physics Simon Fraser	Physical properties of layer structures 3yr - 3rd Inst.	Individual	17,779	15
Friskien, W.R. Physics York	* Principal investigator J.D.Prentice(Toronto)	Project		23
Fritz, D.G. Physics Calgary	Electrostatic interactions in solutions of Micelles and Macroions 3yr - 2nd Inst.	Individual	3,300	15
Fritz, P. Earth Sciences Waterloo	Environmental isotopes in the hydrosphere and freshwater sediments for hydrogeologic and paleoclimatic investigations 3yr - 2nd Inst.	Individual	34,375	10
Fritz, P. Earth Sciences Waterloo	* Principal investigator J.C.Ritchie(Toronto)	Co-op		21
Frood, D.G. Physics Lakehead	Theoretical and experimental research in dielectrics 2yr - 1st Inst.	Individual	3,000	15
Frost, E.J. Psychol/Psychology Queen's	Studies in vision 3yr - 3rd Inst.	Individual	32,611	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Frost, D.C. Chemistry British Columbia	Photoelectron and LEED spectroscopy 3yr - 3rd Inst.	Individual	38,408	05
Fryer, B.J. Geology Memorial	Igneous and sedimentary geochemistry of the Precambrian and the geochronology of Newfoundland 3yr - 2nd Inst.	Individual	19,800	10
Fryzuk, M.D. Chemistry British Columbia	New catalysts and intermediates in the activation of synthesis gas	Individual	11,000	05
Fu, J.C. Statistics Manitoba	Large deviation theory in point estimation 3yr - 1st Inst.	Individual	3,560	14
Fujimoto, M. Physics Guelph	1) Ferroelectric phase transitions; 2) Transition ion complexes in biochemical crystals and in biological macromolecules 3yr - 2nd Inst.	Individual	13,200	05
Fulford, J.A. Physics Western Ontario	* Principal investigator P.A.Forsyth(Western Ontario)	Group		17
Fulford, J.A. Physics Western Ontario	* Principal investigator J.W.MacDougall(Western Ontario)	Co-op		17
Fullard, J.H. Zoology Toronto	Neurophysiology and behavioural correlates of audition in Lepidoptera 3yr - 1st Inst.	Individual	15,000	01
Fuller, J.D. Management Sciences Waterloo	Some new methods for energy policy modelling	Individual	6,000	20
Fuller, O.M. Chemical Eng. McGill	1) Parameter estimation in heterogeneous catalytic reactions 2) Porous solids of simple structure 3yr - 2nd Inst.	Individual	8,250	04
Fuller, W.A. Zoology Alberta	Demography and winter ecology of small boreal forest mammals 3yr - 2nd Inst.	Individual	16,500	18
Fung, K.T. Computer Science Windsor	Research on database-related problems	Individual	7,000	07
Fung, K.Y. Mathematics Windsor	Robust sequential procedures 3yr - 2nd Inst.	Individual	5,174	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Funt, E.L. Chemistry Simon Fraser	Electrochemical synthesis and characterization of polymers 3yr - 1st Inst.	Individual	22,500	05
Funt, E.V. Computer Science Simon Fraser	A parallel processing three- dimensional modelling system	Individual	7,000	07
Furedy, J.J. Psychology Toronto	Learned human autonomic control: conditioning phasic changes 3yr - 3rd Inst.	Individual	8,093	12
Furlan, V. Pédologie/écologie Laval	Endomycorrhizes a vesicules et arbuscules 3ans - 3ième vers.	Individuelle	13,286	03
Fyfe, C.A. Chemistry Guelph	Flow N.M.R. studies and N.M.R. investigations of molecular solids 3yr - 2nd Inst.	Individual	37,400	05
Fyfe, C.A. Chemistry Guelph	* Principal investigator R.F.Childs(McMaster)	Co-op		05
Fyfe, W.S. Geology Western Ontario	Fluid flow in the crust: The limit on ancient geothermal gradients 3yr - 3rd Inst.	Individual	60,390	10
Fyles, T.M. Chemistry Victoria	Functionalized crown ethers: Reversible control of binding and active membrane transport	Individual	13,000	05
Fyson, W.K. Geology Ottawa	Structural patterns in metamorphic rocks 3yr - 3rd Inst.	Individual	14,494	10
Gabor, G. Mathematics Dalhousie	Least square methods with errors in variables nonparametric discrimination of multivariate data random walk 3yr - 3rd Inst.	Individual	1,543	14
Gagne, J.M. Génie-physique Ecole Polytech.	Etude des états fortement excités d'une vapeur d'uranium en présence d'un gaz rare 3ans - 2ième vers.	Individuelle	16,566	15
Gagne, R.R.U. Génie électrique Laval	1) Comportement des antennes dans les plasmas, effets non linéaires, adaptation d'impédance 2) Radar Doppler bistatique à sensibilité, résolution et précision élevées	Individuelle	9,500	11
Gagne, R.R.U. Génie électrique Laval	* Chercheur principal D.R.Moorcroft(Western Ontario)	Coop		17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gagne, S. Génie électrique Laval	Traitement de l'information en vision 3ans - 2ième vers.	Individuelle	11.770	11
Gagnon, P. Géodésie/c. rtog. Laval	Etude théorique et expérimentale du gyrocompas méridien en vue de l'amélioration de sa précision 3ans - 3ième vers.	Individuelle	9.662	06
Gagnon, R. Physique/math Moncton	Thermodynamique des constituants hadroniques 2ans - 1er vers.	Individuelle	2.000	15
Gaily, T.D. Physics Western Ontario	Molecular beam studies of molecular structure 3yr - 2nd Inst.	Individual	13.816	15
Gaito, J. Psychology York	Suppression of 60-Hz induced kindling behavior by 1-Hz stimulation	Individual	5.000	12
Galanis, N. Génie mécanique Sherbrooke	Systèmes de conversion des énergies renouvelables 3ans - 2ième vers.	Individuelle	9.350	13
Gale, J.E. Earth Sciences Waterloo	Factors controlling the movement of fluids through fractured argillaceous and crystalline rocks 3yr - 1st Inst.	Individual	20.000	10
Galef, E.G. Psychology McMaster	The development of social attachment in rats 3yr - 2nd Inst.	Individual	37.290	12
Galiana, F.D. Electrical Eng. McGill	Power system security monitoring and control 3yr - 2nd Inst.	Individual	11.000	11
Galibois, J.F.A. Mines & métallurgie Laval	Etude des phénomènes aux joints de grains (et d'interfaces) dans les aciers 3ans - 2ième vers.	Individuelle	22.550	04
Galinier, J.L. Inst de génie nucl. Ecole Polytech.	* Principal investigator L.Zikovsky(Ecole Poly.) 3ans - 3ième vers.	Groupe		04
Gall, C.E. Chemical Eng. Waterloo	On-line computer control	Individual	4.000	04
Gallagher, G. Sciences pures Qué-Chicoutimi	Utilization of industrial waste water to heat greenhouses * avec J.J.Vonaburg,C.Cholette(Qué.-Chicoutimi) 3ans - 1er vers.	Groupe	10.000	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Galley, W.C. Chemistry McGill	Triplet state spectroscopy as a probe of biomolecular motions	Individual	8,000	05
Gallez, E.A.M. Génie civil Sherbrooke	Transport solide par houle gaufree 3ans - 2ième vers.	Individuelle	9,350	06
Gallo, P.V. Home Economics British Columbia	Maternal ethanol consumption: effects on reflex ontogeny and the brain and behavior in rats 3yr - 3rd Inst.	Individual	8,334	12
Gallwey, T.J. Industrial Eng. Windsor	Lobe size, decision time and size effects in visual inspection	Individual	8,000	20
Galperin, E. Mathématiques Qué-Montréal	Théorie d'observation et d'identification de systèmes dynamiques 3ans - 2ième vers.	Individuelle	2,934	16
Gamble, E.R. Civil Engineering Calgary	1) Stress-temperature-moisture interactions in concrete materials 2) Practical analysis of stress, temperature & moisture fields in concrete structures 3) Fundamental properties of cementitious materials 3yr - 3rd Inst.	Individual	20,533	06
Gamble, E.R. Civil Engineering Calgary	* Principal investigator C.D. Johnston (Calgary) 3yr - 3rd Inst.	Co-op		06
Ganczarczyk, J.J. Civil Engineering Toronto	Modification of ammonia nitrification process 3yr - 1st Inst.	Individual	13,500	06
Gander, R.E. Bio-Eng. Institute New Brunswick	Multistate myoelectric control 3yr - 1st Inst.		11,255	11
Ganders, F.R. Botany British Columbia	Genetics of adaptive radiation in <i>Bidens</i> section <i>Campylothea</i> (Asteraceae) 3yr - 1st Inst.	Individual	28,000	18
Gangloff, P. Géographie Montréal	Morphogenèse du socle de l'Ungava	Individuelle	7,500	10
Ganguly, U.S. Génie électrique Laval	Active circuits, digital systems biomedical engineering 3ans - 2ième vers.	Individuelle	10,560	11
Garbary, J.W.D. Botany British Columbia	Taxonomy and ultrastructure of marine red algae 3yr - 2nd Inst.		11,000	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Garceau, J.J. Pâtes et papiers Qué.-Trois-Riv	Nouveaux critères pour contrôler la production de pâte mécanique dans l'industrie papetière 3ans - 3ième vers.	Individuelle	15,985	04
Gardiner, P.F. Physical Education Montréal	The influence of neuromuscular patterns during mammalian development on adult neuromuscular structure, metabolism and function 3yr - 3rd Inst.	Individual	6,039	01
Gardner, B. Math/Statistics Memorial	Combinatorial designs 3yr - 1st Inst.	Individual	1,666	16
Gardner, D.R. Biology Carleton	Electrophysiology of, and effect of various pesticides on, excitable tissue 3yr - 1st Inst.	Individual	15,700	01
Gardner, J.S. Geography Waterloo	Ephemeral and episodic fluvial transport of debris on mountain slopes 3yr - 3rd Inst.	Individual	10,870	10
Gardner, L.T. Mathematics Toronto	Representation theory of topological groups and operator algebras 3yr - 3rd Inst.	Individual	1,933	16
Gardner, N.U. Civil Engineering Ottawa	1) Pressure of concrete on formwork 2) Effect of detail on the behaviour of beam/column and beam/column/slab connections 3yr - 2nd Inst.	Individual	19,800	06
Garey, L.E. Math/Comp Science New Brunswick	Approximating methods for differential, integral and intergro-differential equations 3yr - 3rd Inst.	Individual	3,623	07
Gargantini, I. Computer Science Western Ontario	Iterative methods using circular arithmetic 3yr - 2nd Inst.	Individual	9,020	07
Gargour, C.S. Electrical Eng. Concordia	Systematic design of switched capacitor filters and applications	Individual	8,000	11
Garland, G.D. Physics Toronto	Thermal and electrical properties of the earth 3yr - 2nd Inst.	Individual	22,330	10
Garner, C.W.L. Mathematics Carleton	1) Conics & finite analogues of the classical hyperbolic & Minkowskian planes 2) Systematically designed polycrosses 3yr - 3rd Inst.	Individual	3,143	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Garred, L.J. Chemical Eng. Lakehead	Carbon dioxide transfer across the artificial kidney / The influence of diffusional pathlength on facilitated diffusion 3yr - 2nd Inst.	Individual	7,150	04
Garrett, C.J.R. Oceanography Dalhousie	Physical oceanography 3yr - 1st Inst.	Individual	36,000	10
Garrison, R.F. Astronomy Toronto	1) Stellar spectral classification 2) Ultraviolet spectral classification (I.U.E.) 3) Integrated spectra of globular clusters and galaxies 3yr - 3rd Inst.	Individual	21,740	17
Garside, E.K. Eng. Physics McMaster	Pulsing lasers 3yr - 3rd Inst.	Individual	24,120	15
Garside, E.T. Biology Dalhousie	1) Reactions of fish to developmental and other metabolic stresses induced by natural variables and pollutants 2) Structural analyses in fishes 3yr - 2nd Inst.	Individual	12,430	01
Gartshore, I.S. Mechanical Eng. British Columbia	Turbulent shear flow and wind engineering research 3yr - 2nd Inst.	Individual	20,900	13
Gascon, J. Psychologie Montréal	Représentation des concepts et des stratégies en mémoire sémantique 3ans - 3ième vers.	Individuelle	9,541	12
Gaskin, D.E. Zoology Guelph	Ecology & biology of Phocoenidae & other cetaceans in eastern N. Atlantic waters, & their interactions with prey populations, and other upper trophic level species 3yr - 3rd Inst.	Individual	28,987	18
Gaskin, P.N. Civil Engineering Queen's	1) Effect of pressure and temperature gradient on frost heaving 2) Repeated loading of soil 3yr - 2nd Inst.	Individual	11,000	06
Gass, C.L. Zoology British Columbia	Behavioural energetics of hummingbirds 3yr - 2nd Inst.	Individual	22,000	18
Gates, E.M. Mechanical Eng. Alberta	1) An experimental investigation of icing 2) Cavitation inception 3yr - 3rd Inst.	Individual	11,957	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gates, M.A. Zoology Toronto	Quantitative analyses of evolutionary processes in populations of ciliates 3yr - 2nd Inst.		17,000	18
Gaucher, G.M. Chemistry Calgary	Molecular basis of secondary metabolite (antibiotic) biosynthesis in fungi 3yr - 1st Inst.	Individual	24,000	02
Gaunt, P. Physics Manitoba	The origin of magnetic hardening in alloys and compounds 3yr - 2nd Inst.	Individual	18,744	15
Gauthier, G. Sciences pures Qué-Beauport	ANR approximatifs et le théorème des points fixes de Lefschetz 3ans - 1er vers.	Individuelle	1,600	16
Gauthier, P.M. Math/statistique Montréal	Approximation dans le plan complexe 3ans - 3ième vers.	Individuelle	13,966	16
Gauvin, J. Mathématiques appl. Ecole Polytech.	Programmation mathématique non-convexe 3ans - 2ième vers.	Individuelle	10,120	07
Gauvin, R. Génie mécanique Ecole Polytech.	Etude du comportement des matières plastiques en vue de leur utilisation dans les éléments de machines * avec M. Poupard, R. Vinet, H.J.M. Velle (Ecole Poly.) 3ans - 3ième vers.	Groupe	43,481	13
Gauvin, W.H. Chemical Eng. McGill	Plasma technology 3yr - 2nd Inst.	Individual	23,650	04
Gay, I.D. Chemistry Simon Fraser	Adsorption and heterogeneous catalysis 3yr - 1st Inst.	Individual	6,500	05
Gecsei, J. Infor. & rech opér. Montréal	1) Classification des images avec réseaux arborescents. 2) Langages de haut niveau pour multiprocesseurs 3) Théorie des réseaux d'interconnexion 3ans - 2ième vers.	Individuelle	17,820	07
Gedamu, L. Chemistry Calgary	Biochemical analysis of metal and/or hormone induced gene expression in eucaryotes 3yr - 2nd Inst.		16,000	02
Geddes, K.O. Computer Science Waterloo	Efficient algorithms for near-minimax approximation in floating-point and symbolic arithmetic 3yr - 3rd Inst.	Individual	18,117	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gee, J.H. Zoology Manitoba	Buoyancy regulation and its ecological significance to stream fish 3yr - 2nd Inst.	Individual	22,000	18
Geen, G.H. Biolog. Sciences Simon Fraser	Ecology and toxicology of salmonids and freshwater invertebrates 3yr - 1st Inst.	Individual	27,000	18
Gehr, R. Civ Eng/App Mech McGill	Polyelectrolyte use and persistence in water and wastewater treatment 3yr - 1st Inst.	Individual	9,000	06
Geissinger, H.D. Biomed Sciences Guelph	Correlated surface and interior ultrastructure of striated muscle and endometrium under experimental conditions 3yr - 2nd Inst.	Individual	22,550	01
Geist, V. Environ Design Calgary	Behavioural adaptations of ruminants: comparative behaviour and heart-rate telemetry 3yr - 3rd Inst.	Individual	25,926	01
Geldart, D.U.W. Physics Dalhousie	Transport properties and critical phenomena in magnetic system and properties of inhomogeneous many-particle systems 3yr - 2nd Inst.	Individual	24,970	15
Gelinas, L. Génie minéral Ecole Polytech.	Géochimie et pétrogénèse des empilements volcaniques de l'Archéen en relation avec les gisements de sulfures massifs 3ans - 2ième vers.	Individuelle	24,970	10
Gendzwill, D.J. Geological Sciences Saskatchewan	Seismic investigation of a salt collapse structure near Saskatoon	Individual	3,000	10
Gentleman, J.F. Statistics Waterloo	Detecting outliers and points of high leverage in data from linear models 3yr - 1st Inst.	Individual	9,125	14
Gentleman, W.M. Computer Science Waterloo	1) Studies in computer program structure 2) Development of numerical techniques for statistics 3yr - 1st Inst.	Individual	32,000	07
Gentry, P.A. Biomed Sciences Guelph	Pathogenesis of Mycotoxins in domestic animals 3yr - 1st Inst.	Individual	15,800	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gentry, R.D. Math/Statistics Guelph	Mathematical modeling of blood coagulation; energy related health effects; identification of linear systems 3yr - 2nd Inst.	Individual	2,967	16
Georganas, N.D. Electrical Eng. Ottawa	Large-scale data networks and systems	Individual	23,000	11
George, J.A. Computer Science Waterloo	Direct methods for solving large sparse linear algebraic systems 3yr - 3rd Inst.	Individual	29,953	07
George, J.C. Zoology Guelph	Studies in biological organization - Structural and metabolic adaptations 3yr - 2nd Inst.	Individual	52,800	01
George, R.E. Computer Science Calgary	Study of the impact of software tools on programmer productivity	Individual	8,000	07
Georghiou, P.E. Chemistry Memorial	Synthetic transformations on hydroxylated steroids	Individual	11,000	05
Geraci, J.R. Pathology Guelph	Aberrant metabolism in marine mammals 3yr - 3rd Inst.	Individual	18,304	01
Geramita, A.V. Math/Statistics Queen's	Commutative algebra and algebraic geometry 3yr - 1st Inst.	Individual	9,332	16
Geramita, J.M. Math/Statistics Queen's	Investigation of a non-linear population model 3yr - 1st Inst.	Individual	1,944	16
Gerard, R. Civil Engineering Alberta	Breakup ice jams in rivers: their mechanics and effects 3yr - 3rd Inst.	Individual	12,078	06
Gerardin, H. Génie mécanique Laval	* Chercheur principal E.J.Dickinson(Laval)	Groupe		13
Gerhard, J.A. Mathematics Manitoba	Varieties of semigroups 3yr - 1st Inst.	Individual	4,666	16
Gerry, M.C.L. Chemistry British Columbia	Microwave spectroscopy of gases. Nuclear quadrupole resonance spectroscopy 3yr - 3rd Inst.	Individual	21,258	05
Gervais, J.J. Mathématiques Laval	Stabilité des fonctions différentiables 3ans - 1er vers.	Individuelle	1,166	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gervais, Y. Génie électrique Ecole Polytech.	La haute tension: Mécanismes de claquages et techniques de mesure 3ans - 1er vers.	Individuelle	7,500	11
Gesing, W.S. Electrical Eng. Toronto	Numerical techniques in system simulation, design and control 3yr - 2nd Inst.		11,000	11
Gesser, H.D. Chemistry Manitoba	1) Separation and concentration of inorganic complexes and organic pollutants from water and air. 2) ESR studies of reactions on surfaces 3yr - 1st Inst.	Individual	11,000	05
Geurts, M.A. Géographie Ottawa	Palynostratigraphie et variations climatiques tardiglaciaires et postglaciaires	Individuelle	10,000	10
Ghali, A. Civil Engineering Calgary	1) Shear strength of flat slabs 2) Skew and curved bridges 3) Creep effects on concrete structures 3yr - 3rd Inst.	Individual	27,779	06
Ghali, E.L. Mines & métallurgie Laval	Hydrométallurgie et électrodissolution des sulfures métalliques 3ans - 2ième vers.	Individuelle	14,300	04
Ghent, E.D. Geology Calgary	Petrologic and geochemical studies in the cordillera and electron microprobe study of minerals 3yr - 3rd Inst.	Individual	19,325	10
Ghosh, S.K. Photogrammetry Laval	Research in photogrammetry (in three areas) 3yr - 2nd Inst.	Individual	16,500	06
Ghoussoub, N. Mathematics British Columbia	Vector valued stochastic processes and applications 3yr - 2nd Inst.	Individual	5,086	16
Ghurye, S.G. Mathematics Alberta	Problems in applied mathematical statistics 3yr - 1st Inst.	Individual	7,625	14
Gibbons, D.T. Electrical Eng. Concordia	Microcomputer controlled above elbow prosthesis * with M.D.O'Riain(Concordia)	Group	4,400	11
Gibbs, S.P. Biology McGill	Studies on chloroplast autonomy 3yr - 3rd Inst.	Individual	31,403	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gibo, D.L. Zoology Toronto	Studies on the sociobiology, population biology and ecology of social wasps	Individual	17,000	18
Gibson, I.L. Earth Sciences Waterloo	Igneous processes at accreting plate margins	Individual	16,000	10
Gibson, M.A. Biology Acadia	Organogenesis in the chick embryo 3yr - 2nd Inst.	Individual	19,498	01
Gibson, M.S. Chemistry Brock	Studies in synthesis and complexation 3yr - 2nd Inst.	Individual	7,700	05
Gibson, R.S. Family Studies Guelph	Dietary trace element intakes of selected Canadian population groups	Individual	8,000	01
Gicquaud, C.R. Chimie - biologie Qué.-Trois-Riv	Etude de la physiologie et de l'ultrastructure de Entamoeba histolytica 3ans - 3ième vers.	Individuelle	9,662	02
Gien, T.T. Physics Memorial	Scattering theory, atomic and molecular scatterings 3yr - 2nd Inst.	Individual	7,821	15
Gignac, L.P. Mines & métallurgie Laval	Simulation des réseaux de ventilation souterrains 2ans - 2ième vers.	Individuelle	8,250	04
Gilbert, A.F. Chemical Eng. Lakehead	Kinetics of bleaching kraft pulp with chlorine dioxide 3yr - 3rd Inst.	Individual	8,738	04
Gilbert, F.F. Zoology Guelph	Habitat assessment procedures for wildlife species 3yr - 3rd Inst.	Individual	10,870	18
Gilbert, N.E. Animal Res. Ecol. British Columbia	Comparative dynamics of M. maxima and genetic/ecological variation 3yr - 2nd Inst.	Individual	16,500	18
Gilbert, R. Génie industriel Ecole Polytech.	Etude ergonomique de la fonction livreur 3ans - 3ième vers.	Individuelle	13,286	20
Gilbert, R. Geography Queen's	Nearshore marine environments of eastern Baffin Island & Labrador	Individual	3,000	10
Gildenhuys, D. Mathematics McGill	Group theory, homological methods in group theory, solvable groups 3yr - 1st Inst.	Individual	7,000	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Giles, R. Math/Statistics Queen's	1) Foundations of physics 2) Fuzzy reasoning 3yr - 3rd Inst.	Individual	6,284	16
Gilkie, R.C. Civil Engineering Tech Univ N.S.	* Principal investigator L.T.Russell(N.S.T.C.) 3yr - 2nd Inst.	Group		06
Gill, D.E. Génie minéral Ecole Polytech.	Le poinçonnement des roches	Individuelle	9,000	10
Gill, D.R. TRIUMF British Columbia	* Principal investigator R.R.Johnson(B.C.)	Project		27
Gill, T.A. Fish. Res. & Tech. Tech Univ N.S.	Fish protein deterioration in frozen storage 3yr - 2nd Inst.	Individual	9,900	01
Gille, J.C. Génie électrique Laval	Théorie de la commande et ses applications; systèmes non linéaires et multivariables	Individuelle	10,800	11
Gillespie, R.U. Chemistry McMaster	Inorganic chemistry of the main group elements 3yr - 3rd Inst.	Individual	97,832	05
Gillespie, T.U. Land Resource Sc Guelph	Estimation of surface wetness duration from weather data for pest management 3yr - 1st Inst.	Individual	8,000	03
Gillham, R.W. Earth Sciences Waterloo	Implications of the capillary fringe in the hydraulic and geochemical interactions of groundwater and surface water 3yr - 1st Inst.	Individual	14,500	10
Gilligan, B.C. Math/Statistics Regina	Complex homogeneous spaces 3yr - 3rd Inst.	Individual	2,443	16
Gillott, C. Biology Saskatchewan	Reproductive physiology of insects 3yr - 2nd Inst.	Individual	19,800	01
Gillott, J.E. Civil Engineering Calgary	Role of microstructure and composition in strength and durability of building materials and soils 3yr - 2nd Inst.	Individual	29,700	06
Gilmore, P.C. Computer Science British Columbia	Logical foundations for specification and programming languages 3yr - 3rd Inst.	Individual	22,223	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gilpin, R.R. Mechanical Eng. Alberta	Studies of the liquid-solid phase change 3yr - 1st Inst.	Individual	27,000	13
Gilson, D.F.R. Chemistry McGill	Molecular structure and molecular motion	Individual	10,000	05
Gingras, G. Biochimie Montréal	La chaîne de transport d'électrons des bactéries photosynthétiques 3ans - 1er vers.	Individuelle	33,000	02
Ginsburg, J.L. Chemistry Saint Mary's	* Principal investigator G.F.Mitchell (St. Mary's) 3yr - 2nd Inst.	Group		17
Ginsburg, J.N. Mathematics Winnipeg	Research in set-theoretic topology 3yr - 2nd Inst.	Individual	3,300	16
Girard, A. INRS-Télécom. Québec-INRS	Acheminement statique dans les réseaux à commutation de circuit	Individuelle	7,000	11
Giri, N.C. Math/statistique Montréal	Comparison of multivariate tests 3ans - 2ième vers.	Individuelle	12,531	14
Girouard, F.E. Physique/math Moncton	Propriétés optiques et photoélectriques des couches minces et des solides 3ans - 2ième vers.	Individuelle	5,731	15
Giroux, A. Math/statistique Montréal	Propriétés extrémales des fonctions analytiques 3ans - 3ième vers.	Individuelle	2,443	16
Gittins, J. Geology Toronto	Petrogenesis of alkaline rocks and carbonatite complexes 3yr - 3rd Inst.	Individual	21,740	10
Gittins, J. Geology Toronto	Magmatic evolution and the history of continental breakup in the North Atlantic region * with J.J.Fawcett, J.C.Rucklidge, I.H.Campbell (Toronto) 2yr - 1st Inst.	Co-op	30,775	10
Gladwell, G.M.L. Civil Engineering Waterloo	Analysis of some contact problems and the solution of integral equations 3yr - 3rd Inst.	Individual	18,117	13
Glanville, J.I. Civil Engineering Manitoba	Structural implications of climatic thermal effects in masonry buildings 3yr - 1st Inst.	Individual	9,000	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Glaspey, J.W. Physique Montréal	Etude des propriétés physiques des amas ouverts et des étoiles Ap	Individuelle	8,000	17
Glass, A.D. Botany British Columbia	The regulation of inorganic ion uptake by higher plants 3yr - 3rd Inst.	Individual	25,364	03
Glass, E.N. Physics Windsor	Investigations in general relativity and relativistic astrophysics 3yr - 3rd Inst.	Individual	11,474	17
Glass, I.I. Aerospace Studies Toronto	Compressible flows, shock-wave phenomena, implosion dynamics, new materials, thermonuclear fusion 3yr - 3rd Inst.	Individual	41,065	13
Glass, L.M. Physiology McGill	* Principal investigator M.C. Mackey (McGill) 3yr - 3rd Inst.	Group		01
Glavin, G.E. Psychology Brock	Predisposing and precipitating psychological factors in experimental ulcer in rats	Individual	657	12
Glavin, G.E. Psychology Winnipeg	Predisposing and precipitating psychological factors in experimental ulcer in rats	Individual	3,343	12
Glick, F.P. Mathematics British Columbia	Statistics, pattern recognition, and probability (mostly for health or biologic science models) 3yr - 2nd Inst.	Individual	3,291	14
Globus, M. Biology Waterloo	Neural and ectodermal control of limb regeneration 3yr - 1st Inst.	Individual	22,400	01
Glockner, P.G. Mechanical Eng. Calgary	Linear and non-linear behaviour of homogeneous and sandwich plate, shell and membrane structures and their use in housing, commercial and industrial construction 3yr - 3rd Inst.	Individual	26,572	06
Glyde, H.R. Physics Ottawa	Dynamics of solids and liquids 3yr - 3rd Inst.	Individual	22,851	15
Godambe, V.P. Statistics Waterloo	Foundations of statistical inference and survey sampling 3yr - 2nd Inst.	Individual	16,214	14
Goddard, G.V. Psychology Dalhousie	Brain mechanisms and behavioral change 3yr - 2nd Inst.	Individual	49,280	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Godin, J.G.J. Biology Mount Allison	Effects of some ecological factors on the feeding behaviour and territorial defense of juvenile Atlantic salmon 3yr - 1st Inst.	Individual	14,375	18
Godin, J.G.J. INRS - Eau Québec-INRS	Effects of some ecological factors on the feeding behavior and territorial defense of juvenile Atlantic salmon	Individual	625	18
Godwin, C.I. Geology British Columbia	Metal and rare earth element zonation in baritic stratiform and volcanogenic deposits, Canadian Cordillera 3yr - 2nd Inst.	Individual	9,350	10
Goel, R.G. Chemistry Guelph	Studies on organometallic and coordination compounds	Individual	18,500	05
Goffin, J.L. Fac. of Management McGill	Etude de méthodes de programmation mathématique basées sur les techniques de relaxation 3yr - 2nd Inst.	Individual	9,020	07
Gogan, N.J. Chemistry Memorial	Synthetic and electron distribution studies of organotransition metal compounds and intermediates 3yr - 1st Inst.	Individual	9,000	05
Gold, A.V. Physics British Columbia	Experimental studies of the electronic structure of metals	Individual	12,500	15
Goldak, J.A. Mech. & Aeronaut. Carleton	Analysis of welds 3yr - 2nd Inst.	Individual	14,300	04
Goldband, S. Psychology Western Ontario	Type a behavior pattern: Cognitive processes and response to stress 3yr - 2nd Inst.	Individual	8,800	12
Goldberg, H.M. Fin. & Manag. Sci. Alberta	* Principal investigator T.E.Daniell(Alberta)	Group		20
Goldberg, M. Electrical Eng. Ottawa	Image processing and pattern recognition applied to remote sensing and to bio medical problems 3yr - 2nd Inst.	Individual	13,310	11
Goldberg, S.I. Math/Statistics Queen's	Harmonic mappings and differential geometry	Individual	1,166	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Goldenberg, A. Electrical Eng. Toronto	Control systems theory with applications to design of electro-mechanical industrial processes 3yr - 1st Inst.		10,000	11
Golding, D.L. Forestry British Columbia	Snow accumulation and melt in forest openings related to peak streamflow and recession flow 3yr - 3rd Inst.	Individual	12,078	18
Golding, J.A. Chemical Eng. Ottawa	Solvent extraction for metals recovery/flow reactor simulation 3yr - 1st Inst.	Individual	9,400	04
Goldman, S. Chemistry Guelph	Theoretical studies on the equilibrium properties of dense liquids and solutions	Individual	16,000	05
Goldstein, M.I. Math/statistique Montréal	La généralisation et application des théorèmes limites en processus de branchement 3ans - 3ième vers.	Individuelle	5,128	14
Goldstein, S.R. Psychology Lakehead	Schedule control of dispersion patterns 3yr - 2nd Inst.	Individual	2,750	12
Golosinski, T. Mineral Eng. Alberta	Conveying of materials in an oil sands mine	Individual	10,500	13
Gonnet, G.H. Computer Science Waterloo	Design and analysis of algorithms and data structures	Individual	12,500	07
Goodaire, E.G. Math/Statistics Memorial	Loop rings 3yr - 2nd Inst.	Individual	3,517	16
Goodale, M.A. Psychology Western Ontario	Neural bases of visually guided behavior 3yr - 1st Inst.	Individual	20,000	12
Goodchild, M.F. Geography Western Ontario	Generalization and error in cartography and geographical data processing	Individual	7,700	10
Gooding, R.H. Entomology Alberta	Biology of the salmon mutant of the tsetse fly Glossina morsitans morsitans 3yr - 1st Inst.	Individual	26,500	01
Goodings, D.A. Physics McMaster	Studies in theoretical physics	Individual	1,000	15
Goodings, J.M. Chemistry York	Ionization in flames 3yr - 1st Inst.	Individual	9,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Goodman, F.D. Applied Math. Waterloo	1) Gas-surface interactions 2) Blood-flow mechanics 3yr - 3rd Inst.	Individual	17,779	15
Goodwin, A.M. Geology Toronto	Nature and development of earth's early crust	Individual	17,500	10
Gordon, J.K. Microbiology British Columbia	The role of NH ₄ + transport in regulation of nitrogen fixation	Individual	8,000	03
Gordon, R. Biology Memorial	Host-parasite relations and in vitro culture of mermithid parasites 3yr - 1st Inst.	Individual	17,700	01
Gordon, R.D. Chemistry Queen's	Electronic spectra 3yr - 1st Inst.	Individual	9,000	05
Goresky, R.M. Mathematics British Columbia	Intersection theory and Hodge theory on singular spaces 3yr - 3rd Inst.	Individual	2,143	16
Gorham, P.R. Botany Alberta	Toxic blue-green algae 3yr - 2nd Inst.	Individual	24,640	03
Goring, D.A.I. Chemistry McGill	The chemistry and morphology of wood and wood pulps 3yr - 3rd Inst.	Individual	6,522	05
Gorman, D.J. Mechanical Eng. Ottawa	Flow induced vibration of tube bundles and free vibration analysis of plates of various geometries 3yr - 1st Inst.	Individual	20,000	13
Gorzalka, B. Psychology British Columbia	Neural and hormonal mechanisms of sexual and aggressive behavior 3yr - 3rd Inst.	Individual	24,156	12
Gosline, J.M. Zoology British Columbia	Functional mechanical properties of artery and other elastic tissues 3yr - 2nd Inst.	Individual	22,000	02
Gottlieb, C.C. Computer Science Toronto	Data management, data structures, file structures, data bases, economics of computers 3yr - 3rd Inst.	Individual	42,152	07
Gottlieb, J.J. Aerospace Studies Toronto	Blast wave prediction and simulation studies 3yr - 2nd Inst.		11,000	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Goud, P.A. Electrical Eng. Alberta	Microwave electronics and fiber optics receivers for telecommunications 3yr - 2nd Inst.	Individual	11,880	11
Gough, D.I. Physics Alberta	Magnetometer array studies and paleomagnetism 3yr - 3rd Inst.	Individual	47,104	10
Gough, T.E. Chemistry Waterloo	Ultra high resolution infrared spectroscopy 3yr - 2nd Inst.	Individual	16,500	05
Goulard, B. Physique Montréal	Courants faibles dans les noyaux 3ans - 3ième vers.	Individuelle	19,047	15
Goulden, I.P. Statistics Waterloo	Mathematical and computational aspects of enumeration 3yr - 2nd Inst.		5,300	16
Goulet, R.Y. Génie électrique Sherbrooke	Services interactifs de communications à domicile	Individuelle	5,200	11
Goulter, I.C. Civil Engineering Manitoba	Alternative flood control measures for small watersheds 3yr - 2nd Inst.	Individual	9,350	06
Gourishankar, V. Electrical Eng. Alberta	1) Design of controllers for linear systems 2) Model-reference adaptive techniques for identification of stochastic systems 3) Pursuit-evasion games 3yr - 2nd Inst.	Individual	18,700	11
Govind, C.K. Zoology Toronto	Differentiation and aging of crustacean neuromuscular systems 3yr - 3rd Inst.	Individual	18,510	01
Govinda Raju, G.R. Electrical Eng. Windsor	Studies on gaseous dielectrics in E x E fields	Individual	12,600	11
Gow, J.A. Biology Memorial	Physiology and systematics of cold ocean bacteria 3yr - 2nd Inst.	Individual	8,800	18
Gow, K.V. Metallurgy Tech Univ N.S.	Effect of reactive metal addition on the precipitation and morphology of non-metallic inclusions in steel and on the mechanical properties 3yr - 3rd Inst.	Individual	9,946	04
Gowrisankaran, K. Mathematics McGill	Potential theory and several complex variables 3yr - 1st Inst.	Individual	4,666	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Non Département Université	But de la subvention	Genre	Montant \$	Comité
Grace, J.R. Chemical Eng. British Columbia	Fluidization and spouted bed studies 3yr - 2nd Inst.	Individual	24,750	04
Gracovetsky, S.A. Electrical Eng. Concordia	Small computer control of industrial processes and biomechanical systems 3yr - 3rd Inst.	Individual	19,325	13
Graham, G.A.C. Mathematics Simon Fraser	Solution of certain elastic and viscoelastic stress analysis problems 3yr - 2nd Inst.	Individual	13,564	16
Graham, G.M. Physics Toronto	Superfluids; electromagnetism 3yr - 2nd Inst.	Individual	20,680	15
Graham, G.S. Computer Science Toronto	Analytic and measurement approaches to computer system performance	Individual	13,500	07
Graham, I.R. Mathematics Toronto	Complex function theory in several variables and biholomorphic mappings 3yr - 1st Inst.	Individual	4,666	16
Graham, J. Civil Engineering Manitoba	The limit-state concept applied to Lake Agassiz clay 3yr - 2nd Inst.	Individual	10,450	06
Graham, J.W. Mechanical Eng. Tech Univ N.S.	Fluid power control applied to floating platforms utilized for wave energy extraction 3yr - 1st Inst.	Individual	8,500	13
Graham, T.E. Human Kinetics Guelph	The effect of blood gases on lactate metabolism 3yr - 3rd Inst.	Individual	11,656	01
Graham, W.A.G. Chemistry Alberta	Chemistry of metal carbonyls 3yr - 3rd Inst.	Individual	64,617	05
Granas, A. Math/statistique Montréal	Méthodes topologiques en analyse non linéaire 3ans - 1er vers.	Individuelle	27,218	16
Grandmaison, E.W. Chemical Eng. Queen's	Dry forming technology 2yr - 1st Inst.	Individual	7,400	04
Granirer, E.E. Mathematics British Columbia	Harmonic analysis on noncommutative locally compact groups 3yr - 2nd Inst.	Individual	10,173	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Non Département Université	But de la subvention	Genre	Montant \$	Comité
Granot, D. Management Sciences British Columbia	Accelerating benders partitioning procedure for solving mixed integer programming problems and game theory application to cost allocation problems 3yr - 2nd Inst.	Individual	11,000	07
Granot, F. Management Sciences British Columbia	On the design of exact and heuristic algorithm for solving general 0-1 and mixed 0-1 polynomial problems 3yr - 2nd Inst.	Individual	11,000	07
Grant, D.L. Math./Natural Sci. St. F. Xavier	Problems in countably compact spaces and groups 3yr - 2nd Inst.	Individual	2,175	16
Grant, D.R. Chem & Chem Eng. Saskatchewan	Wheat flour proteins 3yr - 1st Inst.	Individual	7,000	03
Grant, D.S. Psychology Alberta	Short-term memory in the pigeon 3yr - 3rd Inst.	Individual	10,870	12
Grant, W.F. Plant Science Macdonald Coll.	Cytogenetic studies on Lotus (Leguminosae) and environmental chemicals 3yr - 2nd Inst.	Individual	17,600	03
Grassmann, W.K. Computer Science Saskatchewan	Numerical methods for queueing theory 3yr - 1st Inst.	Individual	9,500	07
Gratzer, G.A. Mathematics Manitoba	Universal algebra and lattice theory 3yr - 1st Inst.	Individual	19,441	16
Gravel, D. Chimie Montréal	1) Photochimie des composés hétérocycliques et carbocycliques. 2) Synthèse de composés hétérocycliques 3ans - 3ième vers.	Individuelle	15,580	05
Gravelle, D.V. Génie chimique Sherbrooke	Application des plasmas à la synthèse chimique	Individuelle	8,900	04
Gravenor, C.P. Geology Windsor	Environment of deposition of ancient glacial deposits 3yr - 2nd Inst.	Individual	13,750	10
Gray, C.G. Physics Guelph	Theoretical studies of molecular liquids and mixtures 3yr - 3rd Inst.	Individual	22,851	15
Gray, D.F. Astronomy Western Ontario	High resolution spectroscopy 3yr - 2nd Inst.	Individual	18,700	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gray, D.G. Chemistry McGill	Vapour-gel interactions 3yr - 3rd Inst.	Individual	6,522	05
Gray, D.M. Agric. Eng. Saskatchewan	Simulation of hydrological processes 3yr - 2nd Inst.	Individual	20,900	10
Gray, J. Physics Alberta	An investigation of long-term climatic and environmental changes by stable isotope analysis of tree-ring, peat moss and stalagmite material	Individual	10,500	10
Gray, J.T. Géographie Montréal	Permafrost studies & geothermal modelling in Northern Quebec & Gaspésie	Individuelle	15,000	10
Graydon, W.F. Chem Eng/App Chem Toronto	Interface kinetics 3yr - 1st Inst.	Individual	24,400	04
Greedan, J.E. Chemistry McMaster	Synthesis, crystal growth, magnetic, electrical, and optical properties of lanthanide and transition metal compounds 3yr - 3rd Inst.	Individual	13,769	05
Green, B.R. Botany British Columbia	Isolation of photosystem II reaction centre and its relationship to the chlorophyll protein complexes	Individual	26,000	03
Green, G.H. Mechanical Eng. Saskatchewan	The effect of ventilation and relative humidity on upper respiratory infections 3yr - 3rd Inst.	Individual	14,494	13
Green, H.J. Kinesiology Waterloo	Human skeletal muscle - metabolic, histochemical and functional adaptability 3yr - 1st Inst.	Individual	9,900	01
Green, J.M. Biology Memorial	Behavioural ecology of littoral marine fishes 3yr - 3rd Inst.	Individual	14,494	18
Green, R. Civil Engineering Waterloo	Strength and serviceability - structural systems 3yr - 1st Inst.	Individual	19,500	06
Green, R.H. Zoology Western Ontario	Quantitative studies of benthic populations and communities 3yr - 2nd Inst.	Individual	13,200	18
Greenshields, I.R. Computer Science Concordia	Autonomous memory systems employing a microprogrammed control structure	Individual	4,500	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Greenwood, B. Geography Toronto	Coastal hydrodynamics and sedimentation 3yr - 1st Inst.	Individual	19,000	10
Greenwood, H.J. Geological Sciences British Columbia	Geological phase equilibrium studies 3yr - 3rd Inst.	Individual	50,728	10
Greenwood, P.E. Mathematics British Columbia	Properties of homogeneous random processes 3yr - 3rd Inst.	Individual	13,093	14
Gregory, B. Chemistry Memorial	Synthesis of potentially pharmacologically-active compounds 3yr - 1st Inst.	Individual	10,000	05
Gregory, B.C. INRS - Energie Québec-INRS	Etude d'impuretés dans les plasmas à l'aide de la spectroscopie UV et UV sous vide 3ans - 1er vers.	Individuelle	29,690	15
Gregory, D.A. Math/Statistics Queen's	Zero-one matrices 3yr - 1st Inst.	Individual	1,944	16
Gregory, G.A. Chemical Eng. Calgary	1) Multiphase flow in pipelines and wellbores 2) Liquid distribution effects in packed columns 3yr - 3rd Inst.	Individual	17,193	04
Gregory, J.B. Physics Saskatchewan	Dynamical studies of the upper atmosphere	Individual	16,000	17
Gregory, J.B. Physics Saskatchewan	* Principal investigator D.J. McEwen (Sask.) 3yr - 1st Inst.	Co-op		17
Gregory, K.F. Microbiology Guelph	Genetic improvement of the quality and production of single-cell protein 3yr - 2nd Inst.	Individual	18,150	02
Gregory, P.C. Physics British Columbia	A survey of the Milky Way for variable radio sources 3yr - 2nd Inst.	Individual	19,800	17
Gregory, P.T. Biology Victoria	1) Community ecology of snakes; 2) Population ecology of overwintering snakes 3yr - 2nd Inst.	Individual	11,000	18
Grein, F. Chemistry New Brunswick	Structural and spectral studies on molecules by quantum mechanical methods 3yr - 2nd Inst.	Individual	23,100	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Greiner, P.C. Mathematics Toronto	Hypo-elliptic differential operators 3yr - 1st Inst.	Individual	23,331	16
Grenier, G. Biologie Sherbrooke	* Chercheur principal G.Beaumont(Sherbrooke) 3ans - 1er vers.	Groupe		03
Gresser, M.J. Chemistry Simon Fraser	Mechanism of ATP synthesis and hydrolysis in biological energy transducing systems	Individual	11,000	05
Greub, W.H. Mathematics Toronto	Spin structures 3yr - 1st Inst.	Individual	2,722	16
Greyson, R.I. Plant Science Western Ontario	Flower development in corn -- The basis of monoecy and genic male sterility 3yr - 2nd Inst.	Individual	33,000	03
Gribble, J.D. Math.Stat&Comp Sc Dalhousie	1) Fully symmetric quadrature formulas for simplices 2) Bibliography of quadrature formula publications 3yr - 1st Inst.	Individual	1,166	16
Grierson, D.E. Civil Engineering Waterloo	Analysis and design of structures under extreme conditions 3yr - 1st Inst.	Individual	15,500	06
Grieve, D.G. Animal/Poultry Sc. Guelph	Effect of ration nitrogen degradability on performance of early lactation cows 3yr - 3rd Inst.	Individual	11,860	01
Griffin, A. Physics Toronto	Theory of phase transitions at surfaces and in 1-d metals 3yr - 2nd Inst.	Individual	18,744	15
Griffiths, A.J.F. Botany British Columbia	Genetic studies in Neurospora 3yr - 2nd Inst.	Individual	15,400	02
Grigliatti, T.A. Zoology British Columbia	* Principal investigator D.T.Suzuki(E.C.) 3yr - 3rd Inst.	Group		02
Grindley, J. Physics Waterloo	Elastic dielectric 3yr - 3rd Inst.	Individual	17,779	15
Grindley, T.B. Chemistry Dalhousie	Conformational studies in heterocyclic chemistry 3yr - 3rd Inst.	Individual	9,541	05
Grodzinski, B. Horticultural Sci. Guelph	Photosynthesis and photorespiration: glycolate decarboxylation and metabolism 3yr - 2nd Inst.	Individual	17,600	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Groleau-Roberge, A. Diététique Laval	Effets de la protéine de la diète sur la résistance au stress chez l'animal * avec M.R.Boulay, J.Sévigny(Laval) 3ans - 1er vers.	Groupe	15,000	01
Grossert, J.S. Chemistry Dalhousie	Organosulfur chemistry and studies on molecules from marine sources 3yr - 1st Inst.	Individual	8,000	05
Grover, C.P. Physique Laval	Interférence en lumière diffuse, speckle et fibre optique		16,000	15
Grovum, W.L. Biomed Sciences Guelph	Food intake, motility and secretin studies pertaining to digestive physiology and production in ruminants 3yr - 1st Inst.	Individual	8,800	01
Gruda, J. Chimie - biologie Qué.-Trois-Riv	Phénomènes de gélation-solation d'actines musculaires et cytoplasmiques 3ans - 2ième vers.	Individuelle	13,200	02
Grund, D.W. Biology Acadia	Taxonomic studies of Nova Scotian fungi and macrophytic algae 3yr - 1st Inst.	Individual	11,000	18
Grundke, E.W. Physics St. F. Xavier	Development of hardware for graph weight calculations 2yr - 1st Inst.	Individual	4,830	15
Grundy, H.D. Geology McMaster	The characterization of minerals and their use as indicators of earth history	Individual	3,000	10
Grundy, K.R. Chemistry Dalhousie	Synthesis and ligand reactivity of low-valent complexes of the groups VIA, VIIA and VIII transition elements 3yr - 3rd Inst.	Individual	11,000	05
Grunenfelder, L.A. Mathematics Dalhousie	The Lie ring of a group, the graded group ring and homology 3yr - 3rd Inst.	Individual	3,143	16
Gruzleski, J.E. Mining/Metal. Eng. McGill	The solidification and casting of metals 3yr - 1st Inst.	Individual	17,400	04
Guardo, R.A.L. Génie bio-méd. Ecole Polytech.	Traitement et télétransmission de signaux biologiques * avec M.Bertrand, A.R.Léblanc, P.A.Mathieu(Montréal), F.A.Roberge, P.Savard(Ecole Polytech.) 3ans - 2ième vers.	Groupe	73,700	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Guderley, H. Biology Laval	Pyruvate kinase and the evolution of hormonal control mechanisms 3yr - 2nd Inst.	Individual	11.000	02
Guha, A. Zoology Toronto	Studies on the regulation of gene expression in prokaryotes at the molecular level 3yr - 2nd Inst.	Individual	30.800	02
Guillemot, J.P. Kinanthropologie Qué-Montréal	Etudes électrophysiologiques de la binocularité et de la motilité oculaire chez le chat 3ans - 1er vers.	Individuelle	10.000	12
Guillet, J.E. Chemistry Toronto	Studies in polymer chemistry 3yr - 2nd Inst.	Individual	66.000	05
Guinand, A.P. Mathematics Trent	Harmonic analysis of sequences 3yr - 2nd Inst.	Individual	2.310	16
Guirao, C.M. Mechanical Eng. McGill	Dynamique des milieux réactifs gazeux en régime instationnaire 3yr - 2nd Inst.	Individual	8.250	13
Gujar, U.G. Computer Science New Brunswick	Investigations in computer graphics	Individual	8.000	07
Gundjian, A.A. Electrical Eng. McGill	1) Infrared laser radiation signal processing devices. 2) Analysis and control of laser damage in transparent materials	Individual	9.700	11
Gunn, E.A. Industrial Eng. Tech Univ N.S.	Operations research studies in natural resource utilization	Individual	10.000	20
Gunning, H.E. Chemistry Alberta	* Principal investigator O.P. Strausz (Alberta) 3yr - 1st Inst.	Group		05
Gunther, G. Mathematics Memorial	A geometric characterization of the general orthogonal group 3yr - 3rd Inst.	Individual	1.651	16
Guntur, R.R. Mechanical Eng. Concordia	Design and performance analysis of vehicle systems		11.000	13
Gupta, C.K. Mathematics Manitoba	Some linear techniques in groups 3yr - 1st Inst.	Individual	4.666	16
Gupta, M.M. Mechanical Eng. Saskatchewan	1) Stochastic optimization and adaptive control 2) Signal processing 3yr - 3rd Inst.	Individual	17.392	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gupta, N.D. Mathematics Manitoba	Topics in infinite group theory 3yr - 1st Inst.	Individual	18,400	16
Gupta, R.D. Math/Comp Science New Brunswick	Calculation of zonal polynomials	Individual	3,770	14
Gupta, R.P. Math.Stat&Comp Sc Dalhousie	1) Multivariate distributions 2) Estimation in sampling 3yr - 1st Inst.	Individual	5,250	14
Guram, G.S. Applied Math. Western Ontario	Flow problems in micropolar fluids 3yr - 3rd Inst.	Individual	1,047	16
Gurd, J.W. Biochemistry Toronto	Molecular modulation of synaptic structure 3yr - 1st Inst.	Individual	18,000	02
Gusn, H. Physics British Columbia	Submillimeter cosmic background radiation 3yr - 1st Inst.	Individual	28,000	17
Gusta, L.V. Crop Science Saskatchewan	Role of membranes in the hardening of winter wheat 3yr - 3rd Inst.	Individual	20,533	03
Guthrie, J.P. Chemistry Western Ontario	Chemical origins of enzymic catalysis 3yr - 3rd Inst.	Individual	50,000	05
Guthrie, R.I.L. Mining/Metal. Eng. McGill	Hydrodynamic and transport phenomena in liquid metal processing 3yr - 2nd Inst.	Individual	36,950	04
Guttentag, R. Psychology Winnipeg	Developmental studies of attention to vision and audition 3yr - 1st Inst.	Individual	6,000	12
Guttman, I. Statistics Toronto	1) Overlap effects in response surface situations 2) Transformation of both parameters and data when normalizing likelihoods 3yr - 3rd Inst.	Individual	21,712	14
Guy, R.D. Chemistry Dalhousie	The application of ion exchange and electrochemical detection in pollutant analysis	Individual	14,000	05
Guy, R.K. Math/Statistics Calgary	Combinatorial game theory, graph theory and number theory 3yr - 1st Inst.	Individual	15,553	16
Guy, R.W. Ctre.-Build. Stud. Concordia	The transmission of sound in finite surrounds 3yr - 2nd Inst.	Individual	12,100	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gygax, S. Physics Simon Fraser	Experimental research in low temperature solid state physics	Individual	8,890	15
Gyles, C.L. Vet. Micro./Immun. Guelph	Escherichia coli enterotoxin plasmid mutants as vaccines 2yr - 1st Inst.	Individual	15,000	02
Gysi, M. Civil Engineering Calgary	The effect of water supply management policies on future risk of shortages 3yr - 1st Inst.	Individual	9,500	06
Ha, K.H. Ctre.-Build. Stud. Concordia	Structural systems and components 3yr - 1st Inst.	Individual	10,500	06
Haard, N.F. Biochemistry Memorial	Digestive enzymes from low temperature adapted poikilotherms 3yr - 2nd Inst.	Individual	25,850	02
Haas, R.C.G. Civil Engineering Waterloo	Pavement management system development 3yr - 2nd Inst.	Individual	29,700	06
Haasz, A.A. Aerospace Studies Toronto	1) Research on air-curtains 2) Gas target neutron generator research 3yr - 1st Inst.	Individual	13,000	13
Habashi, F. Mining/Metallurgy Laval	Nonconventional methods for recovery of metals from ores	Individual	10,000	04
Habashi, W.G. Mechanical Eng. Concordia	Finite element analysis of transonic turbomachinery 3yr - 2nd Inst.	Individual	13,200	13
Habib, E.E. Physics Windsor	Nuclear structure studies of medium mass nuclei	Individual	2,200	22
Habowsky, J.E.U. Biology Windsor	Hairless mouse epidermis: Immunological and functional characterization of Langerhans cells by transmission and scanning electron microscopy	Individual	12,000	02
Haccoun, D. Génie électrique Ecole Polytech.	Codage et décodage des codes convolutionnels avec applications 3ans - 2ième vers.	Individuelle	9,900	11
Hackam, R. Electrical Eng. Windsor	Electrical properties of high voltage gaseous and solid insulators	Individual	17,700	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hacker, R.R. Animal/Poultry Sc. Guelph	Effects of environmental variables on growth, reproduction and some biochemical parameters in blood and urine of livestock 3yr - 2nd Inst.	Individual	17,050	01
Haddow, J.E. Mechanical Eng. Alberta	Studies in linear and non-linear wave propagation 3yr - 2nd Inst.	Individual	19,250	13
Hade, A. Chimie Qué-Montréal	* Chercheur principal G.A. Capuano (Qué.-Mont.) 3ans - 1er vers.	Groupe		04
Hadziyev, D. Food Science Alberta	Retention of phenolic antioxidants in a potato granule process 2yr - 1st Inst.	Individual	11,000	03
Haedrich, R.L. Biology Memorial	Ecology of submarine canyons of the Grand Bank 3yr - 2nd Inst.	Individual	24,200	18
Haering, R.R. Physics British Columbia	Intercalation batteries 3yr - 3rd Inst.	Individual	67,275	15
Haffner, G.D. Biology Windsor	Diversity and resource utilization in zooplankton and phytoplankton 3yr - 2nd Inst.	Individual	6,600	18
Hage, K.D. Geography Alberta	Modelling of valley airflow 3yr - 2nd Inst.	Individual	9,350	06
Hagen, D.W. Biology New Brunswick	Adaptation in sticklebacks 3yr - 2nd Inst.	Individual	13,750	18
Hajnal, Z. Geology Saskatchewan	1) Seismic investigation of deep seated structures in Saskatchewan 2) Seismic investigation of Precambrian contact zones	Individual	19,000	10
Hakstian, A.R. Psychology British Columbia	Robustness studies concerning certain multivariate techniques 3yr - 2nd Inst.	Individual	5,174	14
Halcrow, K. Science New Brunswick	Ultrastructural and ecological studies of marine and estuarine crustacea 3yr - 3rd Inst.	Individual	6,039	01
Haley, D. Forestry British Columbia	Investigation of methods to determine economic wood supply and marginal wood cost on a regional basis	Individual	9,000	20

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Haley, L.E. Biology Dalhousie	The development of breeding programs for oysters, lobsters, and mussels	Individual	7,500	01
Hall, A.E. Min./Min. Proc. British Columbia	Underground mine planning for Canadian northern conditions	Individual	7,800	13
Hall, B.K. Biology Dalhousie	Mechanisms of cellular differentiation in the embryonic skeleton 3yr - 2nd Inst.	Individual	35,750	01
Hall, D.H. Earth Sciences Manitoba	Rock magnetism, regional magnetic anomalies, and explosion seismology in synthesis of crust mantle evolution 3yr - 2nd Inst.	Individual	20,900	10
Hall, F.L. Civil Engineering McMaster	Quantifying the impact of transportation noise on residential areas 3yr - 2nd Inst.	Individual	12,100	06
Hall, J.M. Geology Dalhousie	The nature, structure and history of oceanic crust through drilling, geological and geophysical investigations 3yr - 2nd Inst.	Individual	29,150	10
Hall, K.J.F. Civil Engineering British Columbia	Pollutants from non point sources 3yr - 2nd Inst.	Individual	11,550	06
Hall, L.D. Chemistry British Columbia	Molecular association and geometry of carbohydrates 3yr - 1st Inst.	Individual	55,000	05
Hall, R. Environ. Biology Guelph	Behaviour of plant-pathogenic fungi from soil 3yr - 2nd Inst.	Individual	26,400	03
Hall, R.L. Mathematics Concordia	The energy spectra of many-particle systems 3yr - 1st Inst.	Individual	6,490	15
Hall, R.L. Geology & Geophys. Calgary	Lithostratigraphy and biostratigraphy of the Fernie Formation (Jurassic), Alberta	Individual	6,650	10
Hallett, F.R. Physics Guelph	Quasi-elastic light scattering and cinematographic investigations of the motility of large cells 3yr - 1st Inst.	Individual	16,450	15
Hallman, E.D. Physics/Astronomy Laurentian	Order-disorder effects on phonons in alloys 2yr - 1st Inst.	Individual	3,000	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Halls, H.C. Geology Toronto	Paleomagnetism of Precambrian rocks 3yr - 3rd Inst.	Individual	13,286	10
Halperin, J.S. Mathematics Toronto	Geometric applications of minimal models 3yr - 1st Inst.	Individual	10,332	16
Hamacher, V.C. Electrical Eng. Toronto	Distributed computer systems and real-time computing	Individual	10,700	11
Hambleton, I. Mathematical Sci. McMaster	Finite transformation groups 3yr - 3rd Inst.	Individual	6,284	16
Hamelin, C. Ctre. Rech.-Virolog. Québec-IAF	Purification and characterization of DNA recombinase from mammalian cells	Individuelle	12,000	02
Hamid, M.A.K. Electrical Eng. Manitoba	1) Investigation of near field phenomena 2) Scattering and diffraction of electromagnetic waves 3) Industrial and biological applications of microwave power 3yr - 3rd Inst.	Individual	40,461	11
Hamielec, A.E. Chemical Eng. McMaster	1) Transport phenomena in process metallurgy, 2) Polymerization kinetics and reactor systems, 3) Extension of fluidmechanical data using computers 3yr - 1st Inst.	Individual	43,400	04
Hamilton, D.C. Math.Stat&Comp Sc Dalhousie	Experimental design for parameters in nonlinear systems 3yr - 1st Inst.	Individual	1,690	14
Hammer, P.L. Combin./Optimiz. Waterloo	Boolean functions and applications 3yr - 1st Inst.	Individual	21,441	16
Hammer, U.T. Biology Saskatchewan	The limnology of prairie saline lakes	Individual	8,000	18
Hamza, M.H. Electrical Eng. Calgary	Analysis and design of control and automation systems	Individual	12,600	11
Hancock, H.A. Mining/Metal. Eng. Tech Univ N.S.	Aqueous oxidation of pyrite in Cape Breton coal using Caro's acid 3yr - 2nd Inst.	Individual	8,250	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hancock, R.E.W. Microbiology British Columbia	The role of proteins in the structure and functions of the outer membrane of Pseudomonas Aeruginosa 3yr - 3rd Inst.	Individual	19,325	02
Handa, V.K. Civil Engineering Waterloo	Total loss analysis and information management on construction sites	Individual	9,000	06
Handelman, D.E. Mathematics Ottawa	Operator algebras, lower algebraic K-theory, dimension groups, and topological Markov chains 3yr - 1st Inst.	Individual	15,553	16
Handford, P.T. Zoology Western Ontario	Adaptive coloration and foraging ecology in water birds 3yr - 3rd Inst.	Individual	9,662	18
Hanessian, S. Chimie Montréal	Synthesis with chiral precursors, antibiotics and organic synthetic methods	Individuelle	50,000	05
Hanna, A.M. Civil Engineering Concordia	1) Foundations in layered soil 2) Behaviour of sensitive clay under cycles of loading 3yr - 3rd Inst.	Individual	12,078	06
Hansell, R.I.C. Zoology Toronto	Strategy models in evolution and classification 3yr - 2nd Inst.	Individual	33,000	18
Hansen, I. Computer Science Acadia	* Principal investigator T.Pietrzykowski	Group		07
Hansen, J.S. Aerospace Studies Toronto	Elastic stability concepts for composite structures and fracture of composite materials for space applications 3yr - 2nd Inst.	Individual	13,200	13
Hanson, D. Mathematics Regina	Studies in combinatorial analysis 3yr - 1st Inst.	Individual	4,666	16
Hanson, J.V. Electrical Eng. Waterloo	Real time signal processing with application to SSB systems; quadrature generation; interpolation techniques	Individual	10,300	11
Haq, M.S. Mathematics Western Ontario	1) Prediction analysis 2) Marginal likelihood inference 3) Multivariate analysis 3yr - 1st Inst.	Individual	3,560	14
Hara, T. Zoology Manitoba	Differentiation of fish olfactory neurones	Individual	5,000	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hardy, E.U. Physique Laval	Etude des amas de galaxies et de l'évolution du contenu stellaire des galaxies 3ans - 1er vers.	Individuelle	13,000	17
Hardy, W.N. Physics British Columbia	Study of molecular solids at low temperatures; quantum fluids 3yr - 3rd Inst.	Individual	44,447	15
Hargrove, C.K. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Hargrove, C.K. Physics Carleton	* Principal investigator R.Carnegie(Carleton)	Project		23
Hargrove, C.K. Physics Carleton	* Principal investigator J.D.Prentice(Toronto)	Project		23
Hargrove, C.K. Physics Carleton	* Principal investigator R.Carnegie(Carleton)	Project		23
Hargrove, C.K. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Hargrove, C.K. Physics Carleton	* Principal investigator A.L.Carter(Carleton)	Project		27
Hargrove, C.K. Physics Carleton	* Principal investigator A.L.Carter(Carleton)	Project		27
Harley, C.A. Physiology Memorial	Behavioral functions of the hippocampus: Phenomena and mechanisms 3yr - 3rd Inst.	Individual	11,957	12
Harms, A.A. Eng. Physics McMaster	Nuclear energy synergetics and neutron diagnostics 3yr - 3rd Inst.	Individual	30,479	04
Harney, P.M. Horticulture Guelph	Self-incompatibility in Brassica napus var. napobrassica 3yr - 3rd Inst.	Individual	6,039	03
Harper, P.P. Sciences biolog. Montréal	Structure et fonctionnement de communautés d'insectes aquatiques	Individuelle	12,000	18
Harpp, D.N. Chemistry McGill	Synthetic and mechanistic studies in organosulfur, silicon, tin and phosphorus chemistry 3yr - 1st Inst.	Individual	29,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Harrington, F.H. Psychology Mt. St. Vincent	The structure of wolf howling: functional and environmental constraints 3yr - 2nd Inst.	Individual	3,300	12
Harris, G.L.H. Physics Waterloo	Star clusters and problems of stellar evolution 3yr - 3rd Inst.	Individual	8,455	17
Harris, G.P. Biology McMaster	Phytoplankton dynamics: mechanisms, models, methods and management 3yr - 1st Inst.	Individual	30,000	18
Harris, G.P. Biology McMaster	Predicting the species composition of planktonic algal communities in lakes * with W.J.Snodgrass(McMaster) 3yr - 2nd Inst.	Co-op	59,400	18
Harris, P.J. Civ Eng/App Mech McGill	Diagnosis & repair of defective concrete structures 3yr - 2nd Inst.	Individual	13,200	06
Harris, R. Physics McGill	Theoretical studies of amorphous and highly disordered materials 3yr - 2nd Inst.	Individual	17,193	15
Harris, R.L. Metallurgical Eng. McGill	Vacuum refining of steel under dynamic conditions 3yr - 2nd Inst.		11,000	04
Harris, S.A. Geography Calgary	Late glacial and postglacial geomorphology and climate in the south-eastern Rocky Mountains 3yr - 3rd Inst.	Individual	7,247	10
Harris, W.E. Physics McMaster	Photometric studies of star clusters	Individual	16,200	17
Harris, W.H. Biomed Sciences Guelph	Brown adipose tissue: A physiological and morphological study * with S.Yamashiro(Guelph) 3yr - 2nd Inst.	Group	16,280	01
Harrison, A.D. Biology Waterloo	Ecology of the midges of running water (Diptera: Chironomidae) 3yr - 2nd Inst.	Individual	9,900	18
Harrison, A.G. Chemistry Toronto	Mass spectrometer studies 3yr - 3rd Inst.	Individual	48,070	05
Harrison, A.W. Physics Calgary	Atmospheric aerosol and visibility phenomena 3yr - 1st Inst.	Individual	24,000	17

1 1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Harrison, J.P. Physics Queen's	1) Thermal boundary resistance between solids and liquid helium. 2) Low temperature studies of some rare earths compounds 3yr - 3rd Inst.	Individual	26,668	15
Harrison, L.G. Chemistry British Columbia	Physical chemistry of catalysis, diffusion and phase transitions in relation to biological growth 3yr - 3rd Inst.	Individual	22,948	21
Harrison, P.G. Botany British Columbia	Ecological relationships in seagrass beds subject to human alteration	Individual	7,000	18
Harrison, P.J. Oceanogr./Botany British Columbia	Nutrient uptake and species competition in marine phytoplankton 3yr - 3rd Inst.	Individual	20,533	03
Harrison, R.G. Electronics Carleton	1) Frequency - division at microwave and millimeter wavelengths 2) Fast-hopping frequency synthesizers	Individual	10,700	11
Harrod, J.F. Chemistry McGill	Chemistry of transition elements and their compounds 3yr - 1st Inst.	Individual	16,000	05
Harrop, R. Math/Comp Science Simon Fraser	Mathematical logic/Automata theory	Individual	1,100	16
Harshman, R.A. Psychology Western Ontario	Extending the scope of multidimensional scaling and three-way factor analysis 3yr - 1st Inst.	Individual	14,000	12
Hartland-Rowe, R.C.B. Biology Calgary	Adaptive value of synchronous reproduction in a tropical mayfly 3yr - 1st Inst.	Individual	4,000	16
Hartley, G.A. Civil Engineering Carleton	Computer aided structural design of buildings 3yr - 2nd Inst.	Individual	9,900	06
Hartman, J.S. Chemistry Brock	NMR studies in coordination chemistry 3yr - 1st Inst.	Individual	10,000	05
Hartnell, B.L. Mathematics Saint Mary's	A study of k neighbour-connected graphs 3yr - 2nd Inst.	Individual	4,180	16
Hartner, G.F. Physics Toronto	Tagged photon spectroscopy at high energies 3yr - 2nd Inst.		11,000	23

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hartwick, E.B. Biolog. Sciences Simon Fraser	Ecological studies of Octopus dofleini with additional consideration of Panopea generosa and disturbance effects in marine soft bottom communities 3yr - 1st Inst.	Individual	10,000	18
Hartwick, F.D.A. Physics Victoria	Evolution of stars and galaxies 3yr - 3rd Inst.	Individual	33,576	17
Hartzman, C.S. Mathematics Dalhousie	Separatrices and Hamiltonian systems 3yr - 1st Inst.	Individual	3,222	16
Haruki, H. Pure Mathematics Waterloo	Theory of functional equations for analytic functions 3yr - 2nd Inst.	Individual	5,086	16
Harvey, E.L. Crop Science Saskatchewan	An investigation of the inheritance of salinity tolerance in barley 3yr - 2nd Inst.	Individual	17,600	02
Harvey, H.H. Zoology Toronto	Study of the relationship between benthic feeding fishes & benthic animals in acidifying lakes	Individual	18,000	18
Harvey, H.H. Zoology Toronto	* Principal investigator J.E. Paloheimo (Toronto) 3yr - 3rd Inst.	Co-op		18
Hasinoff, B.B. Chemistry Memorial	Kinetics of fast biological reactions 3yr - 3rd Inst.	Individual	11,957	05
Hasinoff, M.D. Physics British Columbia	IEP-34 - Muon Radiative Capture * with J.H. Brewer, D.F. Measday, J.M.A. Poutissou (B.C.)	Project	15,000	27
Hasinoff, M.D. Physics British Columbia	* Principal investigator D.F. Measday (B.C.)	Project		27
Hasinoff, M.D. Physics British Columbia	IEP-53 - Muon Electron Conversion * with J.M. Poutissou (B.C.)	Project	26,500	27
Haslett, J.W. Electrical Eng. Calgary	Analog devices, RC active filters, CCD imaging systems 3yr - 2nd Inst.	Individual	16,060	11
Haslett, J.W. Electrical Eng. Calgary	* Principal investigator C.D. Anger (Calgary)	Co-op		17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Haslett, J.W. Electrical Eng. Calgary	* Principal investigator G.G.Shepherd(York)	Co-op		17
Hastings, P.J. Genetics Alberta	DNA repair, spontaneous mutation and meiotic recombination in yeast 3yr - 2nd Inst.	Individual	24,200	02
Hatcher, W.S. Mathématiques Laval	Applications of completeness 3ans - 3ième vers.	Individuelle	2,443	16
Hauer, E. Civil Engineering Toronto	1) Effectiveness of safety countermeasures 2) Estimation of trip patterns 3yr - 2nd Inst.	Individual	14,300	06
Haug, M.D. Civil Engineering Saskatchewan	Construction management of hazardous waste containment techniques applied to containment of hazardous wastes	Individual	8,000	06
Hauptmann, E.G. Mechanical Eng. British Columbia	1) Heat transfer and flow mechanisms during thin film dryout 2) Heat transfer and fluid mechanics of near critical fluids 3) Fundamental mechanisms in transient two-phase flow 3yr - 3rd Inst.	Individual	21,740	13
Haurie, A.B. Méth. quant. gest. Montréal	Contrôle optimal de populations stochastiques avec applications 3ans - 2ième vers.	Individuelle	24,200	20
Haussmann, U.G. Mathematics British Columbia	Optimal control of stochastic differential equations 3yr - 1st Inst.	Individual	12,442	16
Hawbolt, E.B. Metallurgical Eng. British Columbia	1) Inclusion size and distribution vs fracture toughness 2) Predicting structure and properties from thermal history and transformation data 3yr - 2nd Inst.	Individual	11,000	04
Hawkes, R.L. Physics Mount Allison	Optical testing of theories of dustball meteoroid structure and ablation	Individual	10,000	17
Hawrysh, Z.J. Foods/Nutrition Alberta	Influence of production technologies (processing techniques and nutrition) on meat quality	Individual	7,000	01
Hawthorne, F.C. Earth Sciences Manitoba	Crystal-chemistry of mineral structures 3yr - 2nd Inst.		11,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hawton, M.H. Physics Lakehead	Dispersion self-energy theory in solid state physics 3yr - 1st Inst.	Individual	4,000	15
Hay, D.R. Physics Western Ontario	Vapour convection in the sub-cloud layer	Individual	8,000	17
Hay, D.R. Génie métall. Ecole Polytech.	Statistical methods for source location and identification using acoustic emission 3ans - 3ième vers.	Individuelle	18,117	13
Hay, J.E. Geography British Columbia	Determination of the radiance distribution for the sky hemisphere using radiometric and photometric techniques	Individual	11,000	10
Hayatsu, A. Geophysics Western Ontario	Study of initial argon by K-Ar isochron method 3yr - 2nd Inst.	Individual	10,450	10
Hayden, D.B. Plant Science Western Ontario	* Principal investigator W.G.Hopkins(Western) 3yr - 3rd Inst.	Group		02
Hayduk, W. Chemical Eng. Ottawa	Equilibrium solubilities and diffusional processes in liquids; studies in emulsion polymerization and polymer characterization 3yr - 3rd Inst.	Individual	14,777	04
Hayes, J.F. Animal Science Macdonald Coll.	The genetic control of growth in laboratory mice 3yr - 2nd Inst.	Individual	13,750	02
Hayes, J.F. Electrical Eng. McGill	Local distribution and multiplexing of data	Individual	13,500	11
Hayes, K.C. Kinesiology Waterloo	Long latency reflexes in humans 3yr - 3rd Inst.	Individual	8,986	01
Haykin, S.S. Elec. & Comp. Eng. McMaster	Signal processing in radar and communications	Individual	36,500	11
Haynes, R.H. Biology York	Studies on DNA repair, mutation and recombination in yeast 3yr - 3rd Inst.	Individual	66,429	02
Hayward, J.S. Biology Victoria	Hypothermia in man: physiology, prevention, treatment 3yr - 3rd Inst.	Individual	27,532	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hazell, C.R. Engineering St. F. Xavier	Application of coherent and incoherent optical methods to the study of flexural vibrations 3yr - 3rd Inst.	Individual	9,059	13
Headley, V.B. Mathematics Brock	Oscillation theory of differential equations 3yr - 1st Inst.	Individual	1,166	16
Heasell, E.L. Electrical Eng. Waterloo	Semiconductor and semiconductor device properties 3yr - 2nd Inst.	Individual	31,240	11
Heaslip, L.J. Metallurgy Toronto	Heat transfer during liquid metals processing 3yr - 1st Inst.		10,000	04
Heath, I.E. Biology York	Mitosis and microtubules in the oomycetes 3yr - 1st Inst.	Individual	28,000	02
Heath, M.C. Botany Toronto	Ultrastructure of rust development, and biochemical basis of host and nonhost responses to rust fungi 3yr - 3rd Inst.	Individual	32,611	03
Heath, P.R. Math/Statistics Memorial	Fibrations. Abstract homotopy theory, locally equiconnected spaces (LEC spaces) 3yr - 3rd Inst.	Individual	3,747	16
Heaton, M.J. Earth/Planet. Sci. Toronto	Late paleozoic terrestrial sedimentology and paleoecology	Individual	8,000	10
Hebert, J. Physique Ottawa	* Principal investigator T.S.Yoon(Toronto)	Projet		23
Hebert, J. Physique Ottawa	Project 77.02 * avec J.D.Prentice(Toronto), J.M.Trischuk(McGill)	Projet	92,000	23
Hebert, P.D.N. Biology Windsor	1) The genetics and ecology of the genus Daphnia. 2) Manipulation of arctic zooplankton communities. 3) Species diversity patterns in the lepidoptera of Papua New Guinea. 3yr - 2nd Inst.	Individual	38,500	18
Heble, M.P. Mathematics Toronto	Stochastic differential geometry 3yr - 1st Inst.	Individual	4,500	16
Heddle, J.A. Biology York	Chemical mutagenesis	Individual	33,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hedgcock, F.T. Physics McGill	Electronic structure of metals, alloys and semiconductors 3yr - 2nd Inst.	Individual	34,998	15
Hehner, E.C.R. Computer Science Toronto	Language design and programming methodology 3yr - 1st Inst.	Individual	17,000	07
Heidebrecht, A.C. Civ Eng/Eng Mech McMaster	Earthquake engineering and dynamic response of structures 3yr - 2nd Inst.	Individual	35,200	06
Heidemann, R.A. Chemical/Pet. Eng Calgary	Equilibrium studies in multi- phase and reactive systems 3yr - 1st Inst.	Individual	10,900	04
Heinicke, A.G. Mathematics Western Ontario	Studies in the theory of rings and modules 3yr - 1st Inst.	Individual	4,666	16
Heinig, H.P. Mathematical Sci. McMaster	Interpolation and weighted integral inequalities 3yr - 1st Inst.	Individual	2,722	16
Heinke, G.W. Civil Engineering Toronto	1) Environmental engineering in cold regions 2) Physical- chemical water and waste treatment 3yr - 2nd Inst.	Individual	21,450	06
Heinrich, K. Mathematics Simon Fraser	The study of certain combinatorial and graph- theoretic problems 3yr - 1st Inst.		8,000	16
Helbig, J.A. Physics Memorial	Labrador current and Grand Banks circulation study	Individual	8,500	10
Hell, P.T. Computer Science Simon Fraser	Combinatorial algorithms for graphs and ordered sets	Individual	8,000	07
Hellebust, J.A. Botany Toronto	Environmental effects on the metabolism of algae 3yr - 2nd Inst.	Individual	29,700	03
Helmstaedt, H. Geological Sciences Queen's	Fabrics of metamorphic rocks, tectonic setting of mineral deposits, xenoliths from kimberlites 3yr - 2nd Inst.	Individual	18,700	10
Helmstaedt, H. Geological Sciences Queen's	Precise orientation distribution analysis of quartz and olivine by selected area electron channelling technique * with S.Saimoto(Queen's) 3yr - 1st Inst.	Co-op	12,000	21

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Heming, B.S. Entomology Alberta	Studies in insect structure and development 3yr - 2nd Inst.	Individual	8,800	01
Henderson, H.M. Food Science Manitoba	Lipolytic enzymes in <i>Vicia faba</i> minor 3yr - 3rd Inst.	Individual	9,059	03
Henderson, N.E. Biology Calgary	1) Thyroid function in ground squirrels, <i>Spermophilus richardsoni</i> 2) Thyroid function in brook trout, <i>Salvelinus fontinalis</i> 3yr - 3rd Inst.	Individual	10,266	01
Hendry, H.E. Geological Sciences Saskatchewan	Studies in clastic sedimentology 3yr - 2nd Inst.	Individual	8,250	10
Hengartner, W. Mathématiques Laval	Fonctions analytiques et applications 3ans - 3ième vers.	Individuelle	12,561	16
Henke, P.G. Psychology St. F. Xavier	Central regulation of conflict-ulcers 3yr - 2nd Inst.	Individual	13,090	12
Henriksen, R.N. Physics Queen's	Formation, activity and evolution of galaxies and collapsed objects 3yr - 2nd Inst.	Individual	23,100	17
Henrikson, A. Physics Queen's	* Principal investigator W. McLatchie (Queen's)	Group		22
Henry, B.R. Chemistry Manitoba	Molecular spectroscopy; theoretical chemistry 3yr - 2nd Inst.	Individual	23,100	05
Henry, J.G.F. Civil Engineering Toronto	Flocculation, separation and treatment of solids in wastewater 3yr - 2nd Inst.	Individual	11,000	06
Henry, P.M. Chemistry Guelph	1) Organic synthesis by palladium catalysis 2) Air oxidation catalysts for organic synthesis	Individual	23,000	05
Henzi, R. Physics McGill	Theory and phenomenology of high energy collisions 3yr - 3rd Inst.	Individual	5,435	15
Hepler, L.G. Chemistry Lethbridge	Chemical thermodynamics 3yr - 2nd Inst.	Individual	35,200	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Herman, C.P. Psychology Toronto	Cephalic phase responses, cognitive inhibition, and eating * with F.Klajner, J.Polivy(Toronto) 3yr - 3rd Inst.	Group	11,957	12
Herman, J.A. Chimie Laval	Etude des réactions chimiques sous l'action du rayonnement ionisant 3ans - 2ième vers.	Individuelle	19,800	05
Herman, T.E. Biology Acadia	Demography and social interactions of island and mainland deer mice <i>Peromyscus maniculatus</i> 3yr - 1st Inst.	Individual	12,000	18
Hermance, C.E. Mechanical Eng. Waterloo	Fundamentals of combustion applied to fire hazard prediction and industry 3yr - 1st Inst.	Individual	21,000	13
Heroux, Y. INRS-Pétrole Québec-INRS	Maturation thermique des kéroènes des Appalaches du Québec	Individuelle	9,000	10
Herrero, S.M. Environ. Biology Calgary	The ecology and relationship with people of several species of large mammalian carnivores	Individual	4,000	18
Herring, F.G. Chemistry British Columbia	Electron spin resonance as applied to molecular motion in liquids and biological systems	Individual	15,000	05
Herrington, M.B. Biolog. Sciences Concordia	Genetic study of protein synthesis in <i>Escherichia coli</i> 3yr - 3rd Inst.	Individual	14,494	02
Herrmann, T.F. Psychology Guelph	The rat as a model of non verbal cognitive processes 3yr - 2nd Inst.	Individual	3,300	12
Hesse, F.R. Geological Sciences McGill	Modern and ancient continental margin sedimentation (diagenesis, processes and environments of deposition, tectonic setting) 3yr - 2nd Inst.	Individual	17,600	10
Heth, C.D. Psychology Alberta	Encoding processes in Pavlovian conditioning 3yr - 3rd Inst.	Individual	7,730	12
Heuft, R.W. Computer Science Alberta	Multiprocessor design for signal processing applications	Individual	9,000	07
Hewgill, D.E. Mathematics Victoria	Non-linear water waves 3yr - 2nd Inst.	Individual	1,650	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hewitt, J.S. Chemical Eng. Toronto	Nuclear instrumentation and application 3yr - 3rd Inst.	Individual	17,797	04
Heywood, J.G. Mathematics British Columbia	Mathematical theory (and numerical approximation) of viscous incompressible flow 3yr - 1st Inst.	Individual	19,441	16
Hickey, D.A. Biolog. Sciences Brock	Regulatory gene variation at the amylase locus in drosophila melanogaster 3yr - 3rd Inst.	Individual	15,701	02
Hickin, E.J. Geography Simon Fraser	The character of river-channel migration rates in western Canada 3yr - 2nd Inst.	Individual	9,350	10
Hickman, M. Botany Alberta	Algal studies in lakes and rivers of Alberta 3yr - 3rd Inst.	Individual	12,682	18
Hicks, G.S. Biology Dalhousie	In vitro organogenesis in hardwoods, garden pea and tobacco 3yr - 2nd Inst.	Individual	8,800	03
Hicks, R.E. Psychology Lethbridge	Studies of a repetition effect on apparent duration 3yr - 3rd Inst.	Individual	4,820	12
Hickson, P. Geophys./Astron. British Columbia	CCD photometry of galaxies and quasars 3yr - 2nd Inst.		15,500	17
Hickson, P. Geophys./Astron. British Columbia	* Principal investigator G.A.H.Walker(B.C.) 3yr - 1st Inst.	Co-op		17
Higgins, V.J. Botany Toronto	Mechanisms of plant disease resistance to fungal pathogens 3yr - 1st Inst.	Individual	30,000	03
Higgs, D.A. Pure Mathematics Waterloo	Axiomatic infinite sums 3yr - 2nd Inst.	Individual	3,850	16
Hilborn, R.W. Animal Res. Ecol. British Columbia	Spatial interactions of predators and prey 3yr - 2nd Inst.	Individual	6,050	18
Hill, A.R. Geography York	Nitrogen flux and cycling in rivers	Individual	7,000	10
Hill, D.R. Computer Science Calgary	Automatic speech recognition and synthesis 3yr - 2nd Inst.	Individual	26,950	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hill, E.F. Electrical Eng. New Brunswick	Power system operation	Individual	14,800	11
Hill, P.G. Mechanical Eng. British Columbia	Formulation of thermodynamic properties of light and heavy water, and nuclear reactor flow and heat transfer 3yr - 1st Inst.	Individual	23,500	13
Hill, R.D. Plant Science Manitoba	Carbohydrates of cereal grains plant bioenergetics 3yr - 3rd Inst.	Individual	21,740	03
Hillaire-Marcel, C. Sciences de la terre Qué-Montréal	Paleoenvironnements isotopiques continentaux et paleoclimats 3ans - 1er vers.	Individuelle	22,000	10
Hills, L.V. Geology & Geophys. Calgary	Palynology, stratigraphy and sedimentation, and Quaternary research	Individual	16,500	10
Hilton, J.W. Nutrition Guelph	Carbohydrate studies in rainbow trout	Individual	9,000	01
Himmelman, J.H. Biology Laval	Role of predators in structuring shallow water benthic communities in the Saint Lawrence Estuary 3yr - 1st Inst.		16,000	18
Hincks, E.P. Physics Carleton	* Principal investigator R.Carnegie(Carleton)	Project		23
Hincks, E.P. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Hincks, E.P. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Hincks, E.P. Physics Carleton	* Principal investigator A.L.Carter(Carleton)	Project		27
Hincks, E.P. Physics Carleton	* Principal investigator A.L.Carter(Carleton)	Project		27
Hines, W.G.S. Math/Statistics Guelph	Game theoretic formulations of problems in population biology 3yr - 3rd Inst.	Individual	9,662	18
Hinrichsen, P.F. Physics Montréal	* Principal investigator P.H.M.Depommier(Montréal)	Co-op		22

1.1 Operating Grants Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hipel, K.W. Systems Design Waterloo	Operational research in resource engineering 3yr - 1st Inst.	Individual	20,000	20
Hird, E. Physics Ottawa	Precision charge exchange cross section measurements between 30 and 300 keV 3yr - 3rd Inst.	Individual	17,779	15
Hirose, A. Physics Saskatchewan	* Principal investigator H.M. Skarsgard (Sask.) 3yr - 2nd Inst.	Group		15
Hirschorn, R.M. Math/Statistics Queen's	Structural properties of nonlinear control systems 3yr - 1st Inst.	Individual	6,800	16
Hiruki, C. Plant Science Alberta	1) Fungus transmission of plant viruses. 2) Plant diseases associated with Mollicute organism 3yr - 3rd Inst.	Individual	35,026	03
Hiscott, R.N. Geology Memorial	1) Orogenic flysch, ordovician, Appalachians; 2) Late Precambrian and early Paleozoic sedimentology, Newfoundland Appalachians	Individual	13,000	10
Hitchcock, A.P. Chemistry McMaster	Electron spectroscopy of solids, surfaces and gases 3yr - 2nd Inst.		17,000	05
Hitchcock, P. Computer Science Victoria	The use of data dictionaries in open systems communication	Individual	3,732	07
Ho, P.T. Chemistry Waterloo	Exploration and development of novel synthetic methods and chiral syntheses of biologically important natural products	Individual	15,000	05
Hoa, V.S. Mechanical Eng. Concordia	Vibration and stress analysis of elastic and viscoelastic systems under various loads and environments 3yr - 3rd Inst.	Individual	12,078	13
Hoang, H.H. Génie électrique Ecole Polytech.	Dynamique et régulation des réseaux	Individuelle	10,500	07
Hobson, L.A. Biology Victoria	Environmental regulation of primary production 3yr - 2nd Inst.	Individual	13,200	18
Hobson, R.F. Computer Science Simon Fraser	Structured machine design	Individual	7,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hobson, R.M. Physics York	Charged particle gas kinetics (including electron & positive ion) 3yr - 2nd Inst.	Individual	18,084	15
Hochachka, P.W. Zoology British Columbia	Strategies of biochemical adaptation 3yr - 3rd Inst.	Individual	70,681	01
Hoddinott, J. Botany Alberta	Environmental influences on phloem transport of photosynthate 3yr - 1st Inst.	Individual	12,000	03
Hode Keyser, J. Génie civil Ecole Polytech.	Système opérationnel de gestion des chaussées 3ans - 3ième vers.	Individuelle	24,156	06
Hodgetts, R.E. Genetics Alberta	Hormonal aspects of the regulation of gene activity in Drosophila 3yr - 1st Inst.	Individual	26,000	02
Hodgson, B.R. Mathématiques Laval	Théories décidables par automate fini et complexité 3ans - 2ième vers.	Individuelle	1,272	16
Hodgson, C.J. Geology Queen's	Metallogenic studies of Canadian ore-bearing environments	Individual	12,000	10
Hodgson, G.W. Environmental Sci. Calgary	Origin of petroleum 3yr - 3rd Inst.	Individual	14,494	21
Hodgson, R.J.W. Physics Ottawa	Theories of heavy-ion scattering 3yr - 1st Inst.	Individual	2,970	15
Hodouin, D. Mines & métallurgie Laval	Simulation mathématique des processus de fragmentation et classification 3ans - 2ième vers.	Individuelle	8,800	04
Hodych, J.P. Physics/Geology Memorial	Physics of rock magnetism emphasizing stress effects; paleomagnetism of Appalachian Nfld.	Individual	8,000	10
Hoefler, W.J.R. Electrical Eng. Ottawa	Design and realization of millimeter wave integrated circuits * with G.I. Costache (Ottawa)	Group	15,100	11
Hoeft, E. Food Science Manitoba	Interactions of small molecules with proteins in food systems	Individual	7,000	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hoepfner, D.W. Mechanical Eng. Toronto	Fatigue life prediction methodology and fatigue behavior of structural materials 3yr - 3rd Inst.	Individual	25,364	13
Hoffman, P.N. Pure Mathematics Waterloo	K-theory, lambda-rings and representations 3yr - 2nd Inst.	Individual	10,173	16
Hoffman, R. Mechanical Eng. McGill	Adaptive control of machine tools	Individual	7,000	13
Hoffman, T.W. Chemical Eng. McMaster	Chemical reaction engineering, forced convection and boiling heat transfer, computer-aided design and simulation of chemical processes 3yr - 2nd Inst.	Individual	24,750	04
Hoffman-Goetz, L. Human Kinetics Waterloo	Nutritional modulation of endogenous pyrogen production 3yr - 1st Inst.	Individual	15,000	02
Hoffmann, G.W. Physics British Columbia	Measurement of the network connectivity in the immune system 3yr - 1st Inst.	Individual	14,000	21
Hoffmann, R.F. Psychology Carleton	* Principal investigator A.R.Moffitt(Carleton) 3yr - 2nd Inst.	Group		12
Hofmann, H.J. Géologie Montréal	Precambrian and lower Paleozoic paleontology and stratigraphy 3ans - 2ième vers.	Individuelle	18,615	10
Hofstra, G. Environ. Biology Guelph	Effects of air pollutants and other environmental stresses on plant growth and reproduction 3yr - 2nd Inst.	Individual	16,500	18
Hogan, J.A. Psychology Toronto	Organization, motivation, and development of behavior systems 3yr - 3rd Inst.	Individual	22,948	12
Hogan, J.J. Chemistry McGill	Mechanistic studies of nuclear reactions	Individual	13,500	05
Hogarth, D.D. Geology Ottawa	Petrogenesis of certain alkaline rocks and carbonatites	Individual	7,000	10
Hogg, B.G. Physics Manitoba	Positron annihilation 3yr - 3rd Inst.	Individual	23,673	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hohn, E.O. Physiology Alberta	Hormonal control of seasonal colour in ptarmigan 3yr - 2nd Inst.	Individual	2,420	01
Ho-Kim, O. Physique Laval	Interactions baryoniques relativistes 3ans - 2ième vers.	Individuelle	10,861	15
Holah, D.G. Chemistry Lakehead	* Principal investigator A.N.Hughes(Lakehead) 3yr - 3rd Inst.	Group		05
Holbein, E.E. Micro/Immunology McGill	Physiology of Neisseria meningitidis serogroup B capsular polysaccharide	Individual	13,000	02
Holbrook, G.W. Electrical Eng. Tech Univ N.S.	High efficiency terminals for teleconferencing	Individual	6,600	11
Holbrook, J.A.R. Mathematics Guelph	Operator stability and spectra 3yr - 2nd Inst.	Individual	13,564	16
Holden, J.J.A. Biology Queen's	Hormonal control of insect development 3yr - 1st Inst.	Individual	13,000	02
Holl, F.B. Plant Science British Columbia	Biochemical genetics of nitrogen fixation	Individual	10,000	02
Holland, A.S. Math/Statistics Calgary	Saturation classes and degree of approximation by polynomials 3yr - 1st Inst.	Individual	2,463	16
Holland, H.L. Chemistry Brock	Chemical and microbiological oxidation of organic compounds	Individual	16,000	05
Holland, W.U. Chemistry Windsor	Chelating agents and metals extraction, separation and determination 3yr - 1st Inst.	Individual	13,500	05
Hollands, K.G.T. Mechanical Eng. Waterloo	Natural convection heat transfer and solar energy applications 3yr - 1st Inst.	Individual	25,000	13
Hollebone, B.R. Chemistry Carleton	Spectroscopy, structure and reactivity of transition metal complexes 3yr - 2nd Inst.	Individual	11,000	05
Holliday, N.J. Entomology Manitoba	An investigation of the ecology of larval and adult carabids in agricultural and natural ecosystems	Individual	9,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Holling, C.S. Animal Res. Ecol. British Columbia	Processes, stability structures, and population behaviour	Individual	49,500	18
Holling, C.S. Animal Res. Ecol. British Columbia	Adaptive trajectories: Rules for animal movement * with L.M.Dill(Simon Fraser)	Co-op	27,980	18
Holloway, C.E. Chemistry York	NMR studies on organic and metal organic complexes 3yr - 1st Inst.	Individual	11,500	05
Holm, D.G. Zoology British Columbia	Dosage compensation and position- effect variegation in Drosophila melanogaster 3yr - 2nd Inst.	Individual	22,000	02
Holm, P.E. Geology Windsor	Fold generations and cleavages in the Bancroft-Madoc area, Ontario	Individual	8,000	10
Holmes, F.E. Electrical Eng. Toronto	MOS-bipolar integrated circuits 3yr - 2nd Inst.	Individual	10,780	11
Holmes, J.C. Zoology Alberta	Investigations on communities of parasitic helminths 3yr - 1st Inst.	Individual	18,000	18
Holmes, J.L. Chemistry Ottawa	Gas phase ion chemistry 3yr - 2nd Inst.	Individual	33,000	05
Holt, J.D. Math/Statistics Guelph	Survival time models and analyses 3yr - 1st Inst.	Individual	2,980	14
Holt, R.A. Physics Western Ontario	Atomic and molecular structure and lifetime studies 3yr - 2nd Inst.	Individual	13,816	15
Holt, R.C. Computer Science Toronto	Construction methods for computer systems software 3yr - 3rd Inst.	Individual	33,457	07
Holtz, N.M. Civil Engineering Carleton	Integrated computer aided design systems 3yr - 1st Inst.	Individual	9,000	06
Holub, B.J. Nutrition Guelph	Effect of nutrition and other dietary factors on lipid metabolism	Individual	22,500	01
Holuj, F. Physics Windsor	Magnetic resonance in solids 3yr - 3rd Inst.	Individual	22,948	15
Honig, W.K. Psychology Dalhousie	Discriminative behavior and memory in animals 3yr - 2nd Inst.	Individual	31,790	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hontzeas, S.A. Physics/Chemistry Regina	Isotope shift measurements by Doppler free laser optogalvanic spectroscopy 3yr - 2nd Inst.	Individual	5,500	15
Hoo, C.S. Mathematics Alberta	Investigations in homotopy theories 3yr - 3rd Inst.	Individual	3,143	16
Hooley, R.F. Civil Engineering British Columbia	Limit states design; computer graphics aided	Individual	8,000	06
Hooper, F.C. Mechanical Eng. Toronto	Solar energy utilization 3yr - 3rd Inst.	Individual	22,344	13
Hooper, P.M. Mathematics Alberta	Simultaneous confidence estimation 3yr - 1st Inst.	Individual	1,440	14
Hooper, R.G. Biology Memorial	Mechanisms of benthic algal distribution in Labrador 3yr - 2nd Inst.	Individual	8,800	18
Hoover, D.N. Math/Statistics Queen's	Research in logic and probability 3yr - 1st Inst.		3,200	16
Hope, B.B. Civil Engineering Queen's	Properties of concrete 1) Creep, 2) Permeability, 3) Autoclaved concrete containing flyash 3yr - 1st Inst.	Individual	11,800	06
Hope, G.S. Electrical Eng. Calgary	Control and protection of electrical power systems and digital interfacing applied to power systems and computers 3yr - 3rd Inst.	Individual	23,190	11
Hopkins, W.G. Plant Science Western Ontario	Structure and development of photosynthetic membranes * with D.B.Hayden(Western) 3yr - 3rd Inst.	Group	21,740	02
Hopkinson, A.C. Chemistry York	Studies in theoretical and physical organic chemistry 3yr - 1st Inst.	Individual	14,500	05
Horgen, P.A. Botany Toronto	The regulation of gene expression: Achlya as a model system 3yr - 3rd Inst.	Individual	26,572	02
Horita, R.E. Physics Victoria	Theory of plasma waves and its applications in space physics 3yr - 2nd Inst.	Individual	13,200	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Horita, R.E. Physics Victoria	* Principal investigator D.R.Moorcroft(Western Ontario)	Co-op		17
Horlick, G. Chemistry Alberta	Development and application of methods and systems for spectrochemical analysis 3yr - 1st Inst.	Individual	31,000	05
Horndeski, G.W. Applied Math. Waterloo	Gauge field theories in curved space 3yr - 1st Inst.	Individual	8,550	15
Hornof, V. Chemical Eng. Ottawa	Better utilization of wood through new products and use of wastes 3yr - 1st Inst.	Individual	14,900	04
Horspool, R.N.S. Computer Science McGill	Prefetching strategies for memory hierarchies	Individual	10,500	07
Horton, D.G. Botany Alberta	Systematic and ecological studies of bryophytes in the Canadian Cordillera 3yr - 2nd Inst.		11,000	03
Horton, K.D. Psychology Wilfrid Laurier	Investigations into directed forgetting phenomena and current theoretical interpretations in depth of processing 3yr - 2nd Inst.	Individual	4,400	12
Horton, R.F. Botany & Genetics Guelph	Plant growth regulation 3yr - 1st Inst.	Individual	12,000	03
Hosain, M.U. Civil Engineering Saskatchewan	An analytical and experimental investigation of stub-girders 3yr - 3rd Inst.	Individual	12,682	06
Hoskins, W.D. Computer Science Manitoba	Parallel algorithms for the numerical solution of composite matrix equations	Individual	15,000	07
Hotchandani, S. Chimie - biologie Qué.-Trois-Riv	Photochemical and photophysical properties of visual pigments/ chromophores 3ans - 3ième vers.	Individuelle	11,000	05
Houde, J. Génie civil Ecole Polytech.	Evaluation de la résistance des structures de bétons gelés hâtivement 3ans - 2ième vers.	Individuelle	10,450	06
Houde-Nadeau, M. Nutrition Montréal	Développement morphologique et fonctionnel du tissu adipeux au cours de l'âge 3ans - 2ième vers.	Individuelle	7,700	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Houle, J.L. Génie électrique Ecole Polytech.	Design et modélisation de micro-ordinateurs spécialisés	Individuelle	10,000	07
Houston, A.H. Biol. Sciences Brock	Physiological adaptation of freshwater fishes to cycling and static temperature conditions 3yr - 3rd Inst.	Individual	29,875	01
Houston, M.E. Kinesiology Waterloo	Adaptations in human skeletal muscle to activity and inactivity 3yr - 3rd Inst.	Individual	7,247	01
Howard, I.P. Psychology York	Experiments on human visual orientation 3yr - 1st Inst.	Individual	16,000	12
Howard, J.H.G. Mechanical Eng. Waterloo	Internal aerodynamics of turbomachinery components 3yr - 1st Inst.	Individual	18,000	13
Howard, R. Physics British Columbia	* Principal investigator B.L.White(B.C.)	Project		27
Howarth, P.J. Geography McMaster	Development and applications of Landsat analytic methodology for the physical environment	Individual	8,000	10
Howden, H.F. Biology Carleton	Systematics and zoogeography, utilizing primarily American beetles in the family Scarabaeidae and, on a world basis, the subfamily Geotrupinae 3yr - 3rd Inst.	Individual	24,156	18
Howden, W.E. Math/Comp Science Victoria	Empirical and theoretical studies of program testing 2yr - 2nd Inst.	Individual	15,620	07
Howland, B.E. Oral Biology Manitoba	Factors affecting pituitary control of gonadal function in farm animals 3yr - 1st Inst.	Individual	15,500	01
Howland, J.L. Math/Comp Science Ottawa	Research in numerical mathematics 3yr - 3rd Inst.	Individual	1,812	07
Howroyd, T.D. Mathematics New Brunswick	Functional equations and inequalities, econometrics 3yr - 1st Inst.	Individual	1,500	16
Hron, F. Physics Alberta	Numerical modelling of seismic waves in structurally complicated media 3yr - 1st Inst.	Individual	23,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hrudey, S.E. Civil Engineering Alberta	Emulsified oily wastewater treatment 3yr - 2nd Inst.	Individual	12,100	06
Hruska, C.K. Mathematics York	Nonlinear properties and frequency stability of piezoelectric resonators 3yr - 2nd Inst.	Individual	11,660	11
Hruska, F.E. Chemistry Manitoba	NMR studies of nucleic acids 3yr - 1st Inst.	Individual	20,500	05
Hsiung, C.C. Eng./Applied Sci. Memorial	Optimal ship forms for minimum total resistance	Individual	9,000	13
Hsu, C.C. Chemical Eng. Queen's	Polymerization kinetics with Ziegler-Natta catalyst and adsorption 3yr - 1st Inst.	Individual	13,400	04
Hsu, T.R. Mechanical Eng. Manitoba	On large thermomechanical deformation of solids involving phase transfer 3yr - 2nd Inst.	Individual	20,900	13
Huang, C.C. School of Business Memorial	Optimal control for multi-servers queuing system under periodic review 3yr - 2nd Inst.	Individual	10,340	07
Huang, C.H. Geology Windsor	Analytical methods in geochemistry	Individual	9,000	10
Huang, J.S. Math/Statistics Guelph	Diffuse bayes rules and characterization of distributions	Individual	2,770	14
Huang, P.M. Soil Science Saskatchewan	Solution and surface chemistry and mineralogy of soils and sediments 3yr - 1st Inst.	Individual	40,000	03
Huang, R.Y.M. Chemical Eng. Waterloo	1) Synthesis and transport properties of polymer membranes 2) Molecular weight distributions in polymerization and polymer systems 3yr - 3rd Inst.	Individual	28,063	04
Hubbes, M. Fac For Land Arch Toronto	Factors influencing physiological and morphogenetic alterations within trees and their parasites during interaction 3yr - 3rd Inst.	Individual	18,721	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hube, D.P. Physics Alberta	Spectroscopic and photometric studies of binary, shell and peculiar A-type stars 3yr - 3rd Inst.	Individual	8,455	17
Huber, R.E. Chemistry Calgary	Relationships between the chemistry, the structure and the biological activity of proteins 3yr - 2nd Inst.	Individual	35,750	02
Huber-Dyson, V.H. Philosophy Calgary	1) Decision problems 2) Categories and intuitionistic logic 3yr - 1st Inst.	Individual	3,499	16
Hubert, C. Géologie Montréal	Tectonique et stratigraphie des terrains appalachiens du Québec et tectonique des terrains archéens de l'Abitibi, Québec	Individuelle	3,000	10
Hubert, J. Chimie Montréal	Séparation et analyse de traces organiques et inorganiques	Individuelle	11,000	05
Hubert, J. Chimie Montréal	Etude des propriétés et applications analytiques de plasmas microondes * avec M. Moisan(Montréal)	Coop	21,000	05
Hubert, J.J. Math/Statistics Guelph	Bibliometric indicators and multivariate quantal assays	Individual	1,980	14
Huck, P.M. Systems Eng. Regina	Treatment of uranium mining effluents 3yr - 2nd Inst.	Individual	8,250	04
Hudec, P.P. Geology Windsor	Beneficiation of concrete aggregate by surface-active agents 3yr - 2nd Inst.	Individual	17,600	06
Hudgins, R.R. Chemical Eng. Waterloo	Studies in catalysis, clarification and coal beneficiation * with P.L. Silveston(Waterloo) 3yr - 1st Inst.	Group	44,000	04
Hudson, R.J. Animal Science Alberta	Ecological bioenergetics of native ruminants 3yr - 2nd Inst.	Individual	19,982	01
Huebner, E. Zoology Manitoba	Oogenesis: Functional and developmental aspects 3yr - 1st Inst.	Individual	15,000	02
Huff, G.J. Electrical Eng. Saskatchewan	* Principal investigator A.R. Boyle(Sask.)	Group		11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hughes, A.N. Chemistry Lakehead	Reactions of transition metal salts and complexes with NaBH ₄ and other reducing agents: Applications to homogeneous and heterogeneous catalysis * with D.G.Holah(Lakehead) 3yr - 3rd Inst.	Group	29,712	05
Hughes, D.G. Physics Alberta	Nuclear magnetic resonance in solids 3yr - 3rd Inst.	Individual	16,511	15
Hughes, D.J.F. Comp. & Info. Sc. Brock	An automated software development environment	Individual	2,500	07
Hughes, G.C. Botany British Columbia	Biology of symbiotic marine fungi 3yr - 2nd Inst.	Individual	8,250	03
Hughes, M.R. Zoology British Columbia	Water and ion absorption, partitioning within the body and excretion in marine birds 3yr - 2nd Inst.	Individual	16,500	01
Hughes, P.C. Aerospace Studies Toronto	Dynamics and control of spacecraft 3yr - 3rd Inst.	Individual	30,195	13
Hughes, V.A. Physics Queen's	Investigations of the interstellar medium and star formation	Individual	35,000	17
Hughson, R.L. Kinesiology Waterloo	Cardiorespiratory and metabolic adaptations to work 3yr - 3rd Inst.	Individual	8,188	01
Hui, W.H. Applied Math. Waterloo	1) Dynamics of nonlinear water waves 2) Unsteady high-speed aerodynamics 3yr - 2nd Inst.	Individual	13,750	13
Huizer, A. Civil Engineering Calgary	A weatherproof single wythe - concrete block masonry system 3yr - 1st Inst.	Individual	8,000	06
Hull, T.E. Computer Science Toronto	Development, testing analysis and language facilities for numerical software 3yr - 1st Inst.	Individual	40,000	07
Humar, J.L. Civil Engineering Carleton	Behaviour of structures subject to seismic loading computer aided design of building structures 3yr - 3rd Inst.	Individual	12,078	06
Hume, D.J. Crop Science Guelph	Assimilate utilization in crop plants 3yr - 1st Inst.	Individual	10,500	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hume, J.N.P. Computer Science Toronto	Analysis of computer systems 3yr - 1st Inst.	Individual	23,000	07
Hummel, R.L. Chemical Eng. Toronto	Studies and applications of fluid mechanics and heat transfer using the photochromic tracer technique 3yr - 2nd Inst.	Individual	13,200	04
Huner, N.P.A. Plant Science Western Ontario	Photosynthetic adaptation of cereals to low growth temperature 3yr - 1st Inst.		20,000	03
Hunt, J.L. Physics Guelph	1) The Study of polymeric glasses and the dynamics of polymerization through light scattering 2) Pressure induced infrared spectra of simple molecules 3yr - 3rd Inst.	Individual	12,078	15
Hunt, L.A. Crop Science Guelph	Analysis of genotypic differences in the carbon exchange characteristics of small grains 3yr - 3rd Inst.	Individual	24,156	03
Hunter, D.H. Chemistry Western Ontario	Behaviour of carbanions 3yr - 1st Inst.	Individual	12,500	05
Hunter, D.L. Physics St. F. Xavier	Theoretical studies of critical phenomena: series expansion for the N-vector and ising models 3yr - 2nd Inst.	Individual	7,700	15
Hunter, G. Chemistry York	Quantum chemistry with nodeless wavefunctions	Individual	5,000	05
Hunter, N.R. Chemistry Manitoba	Studies in organic synthesis and the oxidation of carbazate esters 3yr - 1st Inst.	Individual	6,000	05
Hunter, R.E. Crop Science Guelph	Evaluation of corn germplasm for whole plant dry matter (silage) production 3yr - 1st Inst.	Individual	12,500	03
Huntley, D.A. Oceanography Dalhousie	Nearshore and boundary layer dynamics 3yr - 1st Inst.	Individual	22,000	10
Huntley, D.J. Physics Simon Fraser	Thermoluminescence dating of sediments 3yr - 1st Inst.	Individual	19,210	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Huot, L. Biologie Laval	Etude de la diapause chez Aphidius nigripes, parasite hyménoptère 3ans - 3ième vers.	Individuelle	26,402	01
Hurd, A.E. Mathematics Victoria	Applications of nonstandard analysis to statistical mechanics 3yr - 3rd Inst.	Individual	1,746	16
Hurnik, J.F. Animal/Poultry Sc. Guelph	Ingestive behaviour of young and mature laying hens 3yr - 2nd Inst.	Individual	17,050	01
Hurteau, R. Génie électrique Ecole Polytech.	Optimisation des systèmes complexes: calcul et commande hiérarchisés des systèmes dynamiques	Individuelle	5,000	11
Hurwitz, H.M.B. Psychology Guelph	Factors of patterns of response and choice 3yr - 2nd Inst.	Individual	4,400	12
Husain, T. Mathematical Sci. McMaster	Topics in functional analysis 3yr - 3rd Inst.	Individual	4,190	16
Huschilt, J. Physics Windsor	Relativistic electromagnetic interactions including radiation reaction 3yr - 3rd Inst.	Individual	3,020	15
Huseyin, K. Systems Design Waterloo	Stability of systems 3yr - 2nd Inst.	Individual	10,173	16
Hutcheon, D.A. Physics Alberta	* Principal investigator J.M.Cameron(Alberta)	Project		27
Hutcheon, D.A. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
Hutcheon, D.A. Physics Alberta	IEP-75 - Test of T-Invariance in pp Scattering * with C.A.Miller, G.A.Moss, G.Roy, J.M.Cameron, W.C.Olsen(Alberta)	Project	28,000	27
Hutcheon, D.A. Physics Alberta	IEP-5 - Elastic scattering of polarized protons * with C.A.Miller, J.M.Cameron, P.Kitching, W.C.Olsen, H.S.Sherif, G.M.Stinson(Alberta)	Project	14,000	27
Hutcheon, I.E. Geology & Geophys. Calgary	1) Geochemistry and water-rock interaction; 2) Theoretical and applied to economic problems	Individual	11,500	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hutchinson, E.G. Civil Engineering Waterloo	Studies in urban development and transport engineering 3yr - 2nd Inst.	Individual	29,700	06
Hutchinson, D.A. Chemistry Queen's	* Principal investigator J.K.S.Wan(Queen's)	Group		05
Hutchinson, R.W. Geology Western Ontario	Geology, origin and metallogenic relationships of exhalative ore deposits 3yr - 1st Inst.	Individual	22,000	10
Hutchinson, T.C. Botany Toronto	Plant responses to extremes of acid and toxic metal stresses at Sudbury and the Smoking Hills, N.W.T. 3yr - 2nd Inst.	Individual	57,200	18
Hutton, S.G. Mechanical Eng. British Columbia	Development of more efficient wood cutting procedures 3yr - 1st Inst.	Individual	13,000	13
Huynh, H.T. Génie électrique Laval	Systèmes de communications	Individuelle	6,800	11
Huzinaga, S. Chemistry Alberta	Theory of the chemical bond and chemical reactions 3yr - 2nd Inst.	Individual	29,700	05
Hyne, J.E. Chemistry Calgary	1) Physico chemical studies of aqueous salt solutions 2) Kinetic & phase studies of sulphur/H ₂ S system 3yr - 3rd Inst.	Individual	26,089	05
Hyne, J.E. Chemistry Calgary	Chemical, engineering & microbiological studies of sulphur concrete * with E.U.Laishley, I.J.Jordaan, R.E.Loov, N.G.Shrive(Calgary) 3yr - 2nd Inst.	Co-op	55,000	21
Hynes, A.J. Geological Sciences McGill	Geologic evolution and mineral potential of the Cape Smith foldbelt	Individual	13,000	10
Hynes, H.B.N. Biology Waterloo	Studies on the ecology of running water 3yr - 3rd Inst.	Individual	36,234	18
Ianuzzo, C.D. Physical Education York	Effects of diabetes and exercise on the metabolic profile of the heterogeneous muscle cell types 3yr - 3rd Inst.	Individual	15,068	01
Ibrahim, R.K. Biolog. Sciences Concordia	Enzymology of plant phenolic compounds 3yr - 1st Inst.	Individual	23,000	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Idler, D.R. Biochemistry Memorial	Biological action, purification and structure of some fish pituitary hormones 3yr - 3rd Inst.	Individual	61,586	01
Idler, D.R. Mar. Sci. Res. Lab Memorial	Gonadotropin releasing hormones in fish * with L.W.Crim(Memorial) 3yr - 2nd Inst.	Co-op	33,136	01
Iizuka, K. Electrical Eng. Toronto	Non-optical holography and optical communication	Individual	30,000	11
Inculet, I.I. Electrical Eng. Western Ontario	Electrification processes in industrial applications 3yr - 1st Inst.	Individual	29,300	11
Ingalls, J.R. Animal Science Manitoba	Effect of protein solubility on metabolizable protein available for the young or lactating ruminant 3yr - 2nd Inst.	Individual	12,650	01
Ingledeu, W.M. Dairy & Food Sci. Saskatchewan	Application of yeast physiology to fermentation problems 3yr - 3rd Inst.	Individual	21,740	02
Ingram, J.M. Microbiology Macdonald Coll	Molecular bases for evolution and cellular organization 3yr - 1st Inst.	Individual	20,500	02
Ingram, R.G. Marine Sci. Centre McGill	Effect of environmental changes on estuarine circulation and mixing 3yr - 3rd Inst.	Individual	13,286	10
Ingram, R.G. Marine Sci. Centre McGill	* Principal investigator J.Kalff(McGill) 3yr - 3rd Inst.	Co-op		18
Innanen, K.A. Physics York	Structure, dynamics and evolution of stellar systems 3yr - 1st Inst.	Individual	25,000	17
Innes, J.D. Civil Engineering New Brunswick	An evaluation of the effects of aircraft size on an air transportation system 3yr - 3rd Inst.	Individual	10,870	06
Innis, N.K. Psychology Western Ontario	Temporal and spatial control of behavioral organization 3yr - 1st Inst.	Individual	6,300	12
Inniss, W.E. Biology Waterloo	Environmental and physiological activities of microorganisms in cold environments 3yr - 3rd Inst.	Individual	22,948	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Iqbal, M. Mechanical Eng. British Columbia	Solar energy radiation and convection heat transfer 3yr - 3rd Inst.	Individual	21,740	13
Ircha, M.C. Civil Engineering New Brunswick	Techniques of equitably distributing goods and services in an urban environment: Improving the effectiveness of urban public works administration 3yr - 1st Inst.	Individual	9,000	06
Ireland, R.J. Biology Carleton	Asparagine metabolism in pea and soybean plants 3yr - 1st Inst.		10,000	03
Iribarne, J.V. Physics Toronto	Atmospheric ions, nucleation in gaseous reactions and electrification processes in the atmosphere	Individual	12,000	17
Irish, D.E. Chemistry Waterloo	Studies of electrolytes and electrode/electrolyte interfaces by raman spectroscopy 3yr - 1st Inst.	Individual	29,000	05
Irons, E.M.R. Civil Engineering Calgary	To improve the industrial effectiveness of finite elements 3yr - 3rd Inst.	Individual	14,856	06
Irons, G.A. Metal/Mat. Science McMaster	Transport control in pyrometallurgical processes 3yr - 2nd Inst.	Individual	8,800	04
Irwin, J.C. Physics Simon Fraser	Optical properties of solids 3yr - 2nd Inst.	Individual	17,974	15
Irwin, R.W. Engineering Guelph	Effects of tile drain discharge on streamflow 3yr - 2nd Inst.	Individual	11,000	06
Isaacson, M.S.Q. Civil Engineering British Columbia	Wave interactions with offshore structures 3yr - 1st Inst.	Individual	23,000	06
Isenor, N.R. Physics Waterloo	The effects of focused laser light 3yr - 3rd Inst.	Individual	20,955	15
Isgur, N. Physics Toronto	* Principal investigator J.D.Prentice(Toronto)	Project		23
Isgur, N. Physics Toronto	Soft QCD: Low energy hadron physics with chromodynamics	Individual	26,420	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ishaq, M. Mathématiques Laval	Représentations unitaires des groupes, image numérique des opérateurs et analyse tensorielle 3ans - 2ième vers.	Individuelle	1,272	16
Ishaque, M. Bacteriology Québec-IAF	* Principal investigator D.Kluepfel(Univ. du Qué.-IAF) 3yr - 1st Inst.	Group		02
Ishiguro, E.E. Biochem./Microbiol. Victoria	Regulation of cell wall synthesis in Escherichia coli 3yr - 3rd Inst.	Individual	19,325	02
Isler, H. Sciences biolog. Montréal	1) Contrôle et interrelations des populations cellulaires de la glande surrénale. 2) Evolution des structures ultimobranchiales dans la thyroïde au cours de la goïtrogénèse et de la tumorigénèse	Individuelle	7,000	01
Ismail, M.E.H. Mathematical Sci. McMaster	Orthogonal polynomials and asymptotics 2yr - 2nd Inst.	Individual	2,241	16
Israel, R.B. Mathematics British Columbia	Equilibrium statistical mechanics 3yr - 3rd Inst.	Individual	8,817	16
Israel, W. Physics Alberta	Strong gravitational fields 3yr - 3rd Inst.	Individual	27,937	15
Israelstam, G.F. Botany Toronto	Physiological and biochemical responses to phytohormones.I Gibberellic acid 3yr - 2nd Inst.	Individual	6,600	03
Isyumov, N. Fac. of Eng. Sci. Western Ontario	Studies of snow and wind loading 3yr - 1st Inst.	Individual	12,000	06
Ito, M.R. Electrical Eng. British Columbia	Digital systems and software engineering	Individual	7,900	11
Ivanoff, B.G. Mathematics Ottawa	Mixing conditions and central limit theorems for multidimensional point processes 3yr - 3rd Inst.	Individual	1,543	14
Iversen, J.O. Veter. Microbiol Saskatchewan	Ecology of mosquito-borne viruses of vertebrates in Saskatchewan 3yr - 2nd Inst.	Individual	18,700	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ives, M.B. Metal/Mat. Science McMaster	Dissolution of crystals and its relation to metallic corrosion 3yr - 2nd Inst.	Individual	14,300	04
Iyer, V.N. Biology Carleton	Replication and recombination functions specified by bacterial plasmids 3yr - 2nd Inst.	Individual	36,300	02
Izatt, J.R. Physique Laval	Applications spectroscopiques et biologiques du laser submillimétrique	Individuelle	11,190	15
Jablonski, C.R. Chemistry Memorial	Mechanistic aspects of carbonyl insertion	Individual	8,000	05
Jackson, D.M. Combin./Optimiz. Waterloo	Computational and formal aspects of combinatorial enumeration III 3yr - 3rd Inst.	Individual	20,533	07
Jackson, D.P. Eng. Physics McMaster	Ion solid scattering and the first wall problem in fusion reactors 3yr - 3rd Inst.	Individual	3,623	15
Jackson, H.L. Mathematical Sci. McMaster	The boundary behaviour of potential functions 3yr - 1st Inst.	Individual	9,332	16
Jackson, K.P. TRIUMF Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser)	Project		27
Jackson, K.P. TRIUMF Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser)	Project		27
Jackson, K.P. TRIUMF Simon Fraser	* Principal investigator J.M.D'Auria(Simon Fraser)	Project		27
Jackson, K.P. Chemistry Simon Fraser	IEP-60 - A study of light nuclei and of pion production using recoil techniques * with R.G.Korteling,D.H.Boal, J.M.D'Auria(Simon Fraser)	Project	15,000	27
Jackson, K.P. TRIUMF Simon Fraser	IEP-O - TRIUMF Users' Executive Committee (TUEC) * with J.H.Brewer(B.C.)	Project	8,000	27
Jackson, K.R. Computer Science Toronto	An investigation of the use of iterative linear equation solvers in codes for stiff ODEs 3yr - 1st Inst.		10,000	07
Jacob, A. Ingénierie Qué.-Trois-Riv	* Chercheur principal V.Rajagopalan(Qué.-Trois Rivières) 3ans - 1er vers.	Groupe		11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jacob, K.T. Metal/Mat. Science Toronto	Correlation between structure and thermodynamic properties 3yr - 1st Inst.	Individual	15,400	04
Jacobs, J.D. Geography Windsor	Palaeoenvironments of the Frobisher Bay area, Baffin Island	Individual	6,900	10
Jacobs, P.W.M. Chemistry Western Ontario	Solid state physical chemistry 3yr - 1st Inst.	Individual	46,000	05
Jacobs, P.W.M. Chemistry Western Ontario	* Principal investigator D.J.Simkin(McGill)	Co-op		05
Jacobs, W.U. Psychology Saint Mary's	Mediation of avoidance responding in the rat 3yr - 1st Inst.		10,000	12
Jacobson, A.L. Chemistry Calgary	Liquid crystal behavior in proteins 3yr - 2nd Inst.	Individual	14,300	02
Jacoby, L.L. Psychology McMaster	Analyses of memory phenomena 3yr - 3rd Inst.	Individual	19,808	12
Jaeger, L.G. Civ Eng/App Mech Tech Univ N.S.	1) Earthquake analysis of structures 2) Finite element applications in engineering 3yr - 2nd Inst.	Individual	13,200	06
James, B.R. Chemistry British Columbia	Binding of gas molecules and homogeneous catalysis by coordination compounds, organometallics, and bioinorganic model systems 3yr - 1st Inst.	Individual	55,000	05
James, C.R. Electrical Eng. Alberta	Laser-plasma interaction processes	Individual	21,700	11
James, D.F. Mechanical Eng. Toronto	Drag reduction and biomechanics 3yr - 3rd Inst.	Individual	19,325	13
James, D.G.L. Chemistry British Columbia	Kinetic studies of fast reactions of alkyl, alkylperoxy and acyl radicals, and H atoms	Individual	4,000	05
James, N.P. Geology Memorial	Facies anatomy and diagenetic evolution of Paleozoic carbonates: Northern Maritime Appalachians 3yr - 2nd Inst.	Individual	26,125	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
James, W. Civil Engineering McMaster	Software for design computation in civil engineering hydrology and hydraulics 3yr - 3rd Inst.	Individual	15,098	06
Jamieson, D.G. Psychology Calgary	Perception and psychophysics 3yr - 1st Inst.	Individual	10,000	12
Jamieson, J.C. Chemistry Manitoba	Studies on structure, function and control of biosynthesis of mammalian glycoproteins, particularly acute phase rat a1 - AGP glycoprotein 3yr - 1st Inst.	Individual	29,000	02
Jamieson, J.L. Psychology Lakehead	Bilateral autonomic response to stress	Individual	3,000	12
Jamieson, R.A. Geology Dalhousie	1) Regional geology and petrological studies in Cape Breton Highlands 2) Petrological research on ophiolites	Individual	11,000	10
Jammu, K.S. Physics P.E.I.	Water characterization by scattering properties 3yr - 1st Inst.	Individual	3,190	15
Jana, S. Crop Science Saskatchewan	Population dynamics and the conservation of barley gene pools 3yr - 1st Inst.	Individual	18,000	02
Jancey, R.C. Plant Science Western Ontario	Biogeographic variation in Pinus contorta/multivariate analysis	Individual	8,000	18
Jandl, S. Physique Sherbrooke	Phénomènes de diffusion dans les structures en couches 3ans - 3ième vers.	Individuelle	15,219	15
Janischewskyj, W. Electrical Eng. Toronto	Engineering of HV discharges 3yr - 3rd Inst.	Individual	19,567	11
Jankowski, C.K. Chimie Moncton	Réactions de Diels-Alder sur les diènes silylés. Carbone anomère. 3ans - 2ième vers.	Individuelle	8,800	05
Janzen, A.F. Chemistry Manitoba	Dynamic NMR studies of phosphorus, silicon and sulfur compounds 3yr - 1st Inst.	Individual	20,000	05
Janzen, E.G. Chemistry Guelph	Spin trapping chemistry 3yr - 2nd Inst.	Individual	29,700	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jardine, D.A. Comp. & Info. Sc. Queen's	Formal description of conceptual schemas	Individual	8,000	07
Jarvis, G.T. Geology Toronto	The tectonic role of the lithosphere	Individual	12,000	10
Jasmin, G. Génie électrique Sherbrooke	1) Simulation électronique de lignes de puissance électrique 2) Simulation électronique de transformateurs de puissance	Individuelle	9,900	11
Jay, E. Chemistry New Brunswick	1) Study of transcriptional and translational controls for gene expression 2) DNA chemical synthesis and sequence analysis 3yr - 1st Inst.	Individual	24,000	02
Jay, S.C. Entomology Manitoba	The social structure and behaviour of honey bee colonies 3yr - 3rd Inst.	Individual	18,117	18
Jean, B. INRS - Energie Québec-INRS	Stockage saisonnier de l'énergie solaire	Individuelle	5,500	13
Jean, R.V. Sciences pures Québec-Rimouski	Modèles mathématiques de croissance végétale 3ans - 3ième vers.	Individuelle	2,416	18
Jefferies, R.L. Botany Toronto	1) Nitrogen and carbon fluxes between geese and vegetation in a grazed Arctic salt marsh. 2) Taxonomic description of Salicornia europaea agg. 3yr - 2nd Inst.	Individual	14,300	18
Jeffers, S. Physics York	Optical studies of early type stars 3yr - 1st Inst.	Individual	6,500	17
Jeffrey, K.R. Physics Guelph	Dynamic structure of model and biological membrane systems 3yr - 2nd Inst.	Individual	18,458	15
Jelen, P. Food Science Alberta	Properties of cheese whey and its components 3yr - 1st Inst.	Individual	13,000	03
Jeng, R.S. Forestry Toronto	Induced resistance, a non- chemical control of vascular wilt diseases in forestry 3yr - 2nd Inst.		11,000	03
Jenkins, A.L. Management Sciences Windsor	Parametric integer linear programming	Individual	1,113	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jenkins, H.M. Psychology McMaster	Animal signaling systems 3yr - 1st Inst.	Individual	34,600	12
Jenkins, M.A.G. Comp. & Info. Sc. Queen's	Design of an integrated programming environment based on array and record data structures 3yr - 1st Inst.	Individual	15,000	07
Jenkyns, T.A. Mathematics Brock	Variations and applications of the greedy algorithm 3yr - 3rd Inst.	Individual	846	16
Jennings, B.K. Physics McGill	Many body aspects of nuclear and intermediate energy physics 3yr - 2nd Inst.		11,000	15
Jensen, D.E.N. Biology McMaster	* Principal investigator J.E.M. Westermann (McMaster) 3yr - 3rd Inst.	Group		02
Jensen, D.G. Mining/Metal. Eng. McGill	Earth mechanics - seismology at ultra-long periods Seismic analysis - parametric deconvolution 3yr - 3rd Inst.	Individual	18,117	10
Jensen, R.K. Physical Education Laurentian	Segmental size, inertial and functional properties of children 3yr - 3rd Inst.	Individual	10,870	13
Jeremie, H.A. Physique Montréal	* Chercheur principal L. Lessard (Montréal)	Groupe		22
Jeremie, H.A. Physique Montréal	* Chercheur principal P.H.M. Depommier (Montréal)	Coop		22
Jericho, M.H. Physics Dalhousie	Transport properties and phase transitions 3yr - 1st Inst.	Individual	27,460	15
Jernigan, M.E. Systems Design Waterloo	Applications of pattern recognition: Biomedical engineering and data analysis 3yr - 2nd Inst.	Individual	10,560	11
Jervis, R.E. Chem Eng/App Chem Toronto	Chemical behaviour of trace components - radioanalytical studies 3yr - 1st Inst.	Individual	25,000	04
Jobin, J. Géodésie/cartog. Laval	Deux études en métrologie appliquée aux sciences géodésiques 3ans - 1er vers.	Individuelle	9,000	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jofriet, J.C. Engineering Guelph	Criteria for the design of bottom unloading farm silos 3yr - 2nd Inst.	Individual	12,650	06
John, P.K. Physics Western Ontario	Laser interaction with plasmas and plasma interaction with solids 3yr - 1st Inst.	Individual	15,690	15
Johns, K.C. Génie civil Sherbrooke	Résistance des colonnes de bois	Individuelle	10,000	06
Johnson, B.R. Mathematics Victoria	Probability theory and mathematical statistics	Individual	2,200	14
Johnson, D.A. Biology Ottawa	Investigation of legume symbiosis at the molecular level 3yr - 1st Inst.		20,000	03
Johnson, E.A. Biology Calgary	A comparative study of vegetation patterns and nutrient budgets along a geomorphic disruption continuum 3yr - 2nd Inst.	Individual	13,200	18
Johnson, K.E. Chemistry Regina	Chemistry of coal gasification particularly involving molten salts 3yr - 1st Inst.	Individual	6,500	05
Johnson, P.G. Geography Ottawa	Mass movement in alpine environments: structure, deformation rates and age 3yr - 2nd Inst.	Individual	10,450	10
Johnson, R.G. Physics Trent	Recovery phenomena in irradiated yeast cells 3yr - 3rd Inst.	Individual	4,227	02
Johnson, R.R. Physics British Columbia	IEP-38 - PI Scattering and PI Absorption * with K.L.Erdman, D.R.Gill, E.W.Blackmore(B.C.)	Project	60,000	27
Johnson, W.R. Mechanical Eng. Toronto	Gas nuclei stability on surfaces 3yr - 1st Inst.		10,000	13
Johnston, B.O. Statistics Manitoba	Coefficients of expected mean squares	Individual	500	14
Johnston, C.D. Civil Engineering Calgary	1) Properties and applications of plain concrete 2) Fibre reinforced concrete, and ferrocement 3yr - 1st Inst.	Individual	17,000	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Johnston, C.D. Civil Engineering Calgary	Effects of superplasticizers on the fundamental and engineering characteristics of cement paste and concrete * with E.R.Gamble(Calgary) 3yr - 3rd Inst.	Co-op	14,494	06
Johnston, G.W. Aerospace Studies Toronto	Aerodynamic noise and aerodynamics 3yr - 1st Inst.	Individual	16,500	13
Johnston, R.D. INRS-Télécomm. Québec-INRS	Models for interactive visual communication systems 3yr - 1st Inst.	Individual	7,600	11
Johnston, R.H. Electrical Eng. Calgary	High frequency measurement techniques	Individual	3,300	11
Johnston, R.L. Computer Science Toronto	Development of the method of fundamental solutions	Individual	9,000	07
Johnston, T.W. INRS - Energie Québec-INRS	The interaction of powerful short pulse laser light with matter, as related to thermonuclear fusion	Individuelle	40,000	15
Johnstone, I.P. Physics Queen's	Structure studies of f7/2-shell nuclei 3yr - 2nd Inst.	Individual	15,213	15
Jolicoeur, C.R. Chimie Sherbrooke	Interactions moléculaires en milieu aqueux: systèmes modèles et biopolymères	Individuelle	23,000	05
Jolliffe, P.A. Plant Science British Columbia	Physiological adaptations to CO2 concentration present during plant growth 3yr - 2nd Inst.	Individual	15,950	03
Jolly, W.T. Geological Sciences Brock	Metamorphism and geochemistry of the volcanic rocks of the Southern Province of the Canadian Shield and Archean geochemical studies 3yr - 2nd Inst.	Individual	12,100	10
Jonas, J.U. Mining/Metal. Eng. McGill	Metallurgical aspects of hot working 3yr - 2nd Inst.	Individual	35,750	04
Jones, B. Geology Alberta	Upper silurian and lower devonian brachiopods of Arctic Canada 3yr - 2nd Inst.	Individual	15,950	10
Jones, C.H.W. Chemistry Simon Fraser	Mössbauer spectroscopic studies 3yr - 1st Inst.	Individual	16,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jones, D.R. Zoology British Columbia	Central neural integration of cardiovascular and respiratory reflexes 3yr - 3rd Inst.	Individual	43,203	01
Jones, F.W. Physics Alberta	Electromagnetic induction, heat flow, and Earth tides and tilts	Individual	17,000	10
Jones, G. Physics British Columbia	IEP-76 - UBC Salary Budget Request * with E.G.Auld,D.A.Axen, J.H.Brewer,D.G.Fleming(E.C.)	Project	213,095	27
Jones, G. Physics British Columbia	* Principal investigator E.G.Auld(E.C.)	Project		27
Jones, G. Physics British Columbia	* Principal investigator P.L.Walden(E.C.)	Project		27
Jones, G.A. Dairy & Food Sci. Saskatchewan	Physiology of rumen bacteria 3yr - 2nd Inst.	Individual	13,200	02
Jones, H.W. Physics Dalhousie	Ultrasonic imaging for nondestructive testing, underwater search and medical applications 3yr - 1st Inst.	Individual	9,910	15
Jones, J. Physics Western Ontario	Meteor radiant distribution, meteoroid ablation, meteor stream evolution 3yr - 1st Inst.	Individual	13,000	17
Jones, J.B. Chemistry Toronto	Studies in biological and organic chemistry 3yr - 2nd Inst.	Individual	45,100	05
Jones, J.P. Math/Statistics Calgary	Studies in recursion theory-- Diophantine representation of enumerable sets 3yr - 2nd Inst.	Individual	5,086	16
Jones, P.H. Civil Engineering Toronto	Accelerated nitrification-denitrification through NO2 (nitrite) 3yr - 2nd Inst.	Individual	16,305	06
Jones, S.M. Animal/Poultry Sc. Guelph	The production of beef using culled cows	Individual	4,500	01
Jones, W.D. Psychology Carleton	A signal detection analysis of laterality effects in perceptions 3yr - 3rd Inst.	Individual	18,117	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jones, W.E. Chemistry Dalhousie	Atomic and molecular spectroscopy, chemical kinetics and photochemistry applied to the gas phase 3yr - 2nd Inst.	Individual	25,850	05
Jonker, L.E. Math/Statistics Queen's	Dynamical systems 3yr - 1st Inst.	Individual	4,666	16
Jopling, A.V. Geography Toronto	Paleohydrology of the Oak Ridges (Kame) Moraine, Ontario	Individual	6,000	10
Jordaan, I.J. Civil Engineering Calgary	Studies of inelastic, time-dependent and statistical aspects of civil engineering materials and structures 3yr - 3rd Inst.	Individual	19,325	06
Jordaan, I.J. Civil Engineering Calgary	* Principal investigator J.E.Hyne(Calgary) 3yr - 2nd Inst.	Co-op		21
Jordan, D.C. Microbiology Guelph	The production and development of ineffective root nodules in the Rhizobium-leguminous plant association 3yr - 3rd Inst.	Individual	7,247	02
Jordan, I.E. Génie électrique Laval	Ingénierie de la Haute Tension * avec R.Saint-Arnaud(Laval)	Groupe	5,900	11
Jordan, R.E. Chemistry Alberta	Ligand substitution and electron transfer mechanisms of transition metal complexes 3yr - 1st Inst.	Individual	29,000	05
Joshi, R.C. Civil Engineering Calgary	1) Fly ash characterization and utilization 2) Engineering properties of lime injected soils 3yr - 2nd Inst.	Individual	9,350	06
Joshi, V.M. Stat. & Actuar. Sc Western Ontario	1) Estimation in finite populations 2) Standard p-functions 3) Topics in mathematical statistics 3yr - 3rd Inst.	Individual	12,078	14
Joshi, Y.N. Physics St. F. Xavier	1) Spectra of highly ionized atoms 2) Absorption spectroscopy below 2000 Å 3yr - 3rd Inst.	Individual	12,078	15
Jovanovich, J. Physics Manitoba	IEP-72 - pp Bremss-strahlung at OMICRON, CERN	Project	16,000	27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jovanovich, J.V. Physics Manitoba	Design of a PI/4 scattering facility	Individual	2,000	22
Joy, K.W. Biology Carleton	Metabolism of amides and related amino acids in plants 3yr - 1st Inst.	Individual	26,000	03
Joy, M.L.G. Bio-Med Eng. Toronto	Nuclear medical imaging 3yr - 1st Inst.	Individual	14,300	11
Judd, R.L. Mechanical Eng. McMaster	Nucleate boiling heat transfer 3yr - 2nd Inst.	Individual	16,500	13
Judd, R.L. Mechanical Eng. McMaster	* Principal investigator J. Flusty (McMaster) 3yr - 2nd Inst.	Co-op		13
Jull, E.V. Electrical Eng. British Columbia	Applications of diffraction theory to antennas and scattering 3yr - 2nd Inst.	Individual	16,214	11
Jullien, G.A. Electrical Eng. Windsor	Very high speed digital filtering * with W.C. Miller (Windsor) 3yr - 1st Inst.	Group	17,300	11
Jumarie, G.R.M. Mathématiques Qué-Montréal	Recherche en théorie des systèmes généraux et applications 3ans - 2ième vers.	Individuelle	4,510	11
Jurdjevic, V. Mathematics Toronto	Differential equations and control theory 3yr - 3rd Inst.	Individual	1,746	16
Jury, J.W. Physics Trent	1) Nuclear absorption of gamma radiation 2) Detection and monitoring of high energy gamma radiation	Individual	15,000	22
Juszyk, P.W. Psychology Dalhousie	Studies on the nature and development of speech perception 3yr - 3rd Inst.	Individual	18,117	12
Just, G. Chemistry McGill	Synthesis of natural products and analogues having biological activity 3yr - 2nd Inst.	Individual	48,400	05
Kabe, D.G. Mathematics Saint Mary's	Statistical methods in mathematical programming 3yr - 2nd Inst.	Individual	7,049	14
Kafer, E. Biology McGill	Genetics of DNA-repair and recombination (esp. nucleases) in Neurospora crassa 3yr - 1st Inst.	Individual	35,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee	
Nom Département Université	But de la subvention	Genre	Montant \$ Comité	
Kahawita, R.A. Génie civil Ecole Polytech.	Instabilité des jets pariétaux, circulation des estuaires 3ans - 2ième vers.	Individuelle	9,350	06
Kahneman, D. Psychology British Columbia	Perceptual organization and the allocation of attention to objects and places 3yr - 3rd Inst.	Individual	48,312	12
Kaiser, P.K. Psychology York	Studies on spectral sensitivity, color discrimination & saturation 3yr - 1st Inst.	Individual	30,000	12
Kaiser, P.K. Civil Engineering Alberta	1) Time-dependent properties of weak rock; 2) Rock debris transport mechanisms; 3) Field instrumentation; 4) Filter function of geotextiles	Individual	10,500	10
Kakuda, Y. Food Science Guelph	Stability studies on vitamins A and D in UHT milk 3yr - 2nd Inst.	Individual	8,800	03
Kalantar, A.H. Chemistry Alberta	Triplet state spectroscopy and energy transfer	Individual	7,000	05
Kalbfleisch, J.D. Statistics Waterloo	The analysis of prospective and retrospective failure time data 3yr - 2nd Inst.	Individual	18,040	14
Kalbfleisch, J.G. Statistics Waterloo	Problems in statistics and combinatorics 3yr - 2nd Inst.	Individual	7,599	14
Kalff, J. Biology McGill	The ecology of phytoplankton and aquatic macrophytes 3yr - 3rd Inst.	Individual	39,857	18
Kalff, J. Biology McGill	The Lake Memphremagog project: Studies in lake production processes * with W.C.Leggett, R.H.Peters, R.G.Ingram(McGill), J.P.Cheneval(Qué.-Mont.) 3yr - 3rd Inst.	Co-op	28,987	18
Kaliaguine, S. Génie chimique Laval	Cinétique hétérogène - thermodynamique 3ans - 2ième vers.	Individuelle	19,800	04
Kalliecharan, R. Biology St. F. Xavier	Endocrine interactions in developing systems	Individual	5,975	01
Kalman, C.S. Physics Concordia	The quark-quark potential and application to many quark systems 3yr - 1st Inst.	Individual	3,000	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kaloni, P.N. Mathematics Windsor	Research problems in theoretical mechanics 3yr - 1st Inst.	Individual	12,500	13
Kamal, A.N. Physics Alberta	Theoretical elementary particle physics 3yr - 2nd Inst.	Individual	18,744	15
Kamal, M.R. Chemical Eng. McGill	Polymer processing and characterization 3yr - 1st Inst.	Individual	30,400	04
Kameda, T. Computer Science Simon Fraser	1) Analysis of computer systems 2) Efficient algorithms for computer applications 3yr - 3rd Inst.	Individual	19,678	07
Kameda, T. Electrical Eng. Waterloo	1) Analysis of computer systems 2) Efficient algorithms for computer applications 3yr - 3rd Inst.	Individual	2,786	07
Kamper, K.W. Astronomy Toronto	Astrometric and spectroscopic studies of nearby binary stars 3yr - 1st Inst.	Individual	7,500	17
Kamphuis, J.W. Civil Engineering Queen's	Research on coastal sediment transport, artificial beach nourishment and agitation in marinas 3yr - 2nd Inst.	Individual	23,100	06
Kanasewich, E.R. Physics Alberta	Geophysical investigation of the crust and mantle 3yr - 2nd Inst.	Individual	40,700	10
Kane, R.M. Mathematics Western Ontario	The homology of H-spaces 3yr - 3rd Inst.	Individual	8,380	16
Kannappan, P. Pure Mathematics Waterloo	Functional equations, information theory, quasigroups and loops, and linear algebra 3yr - 3rd Inst.	Individual	6,284	16
Kannenbergh, L.W. Crop Science Guelph	Gene pool development and the elucidation of characteristics affecting performance of corn germ plasm 3yr - 3rd Inst.	Individual	18,117	02
Kanter, M. Mathematics Concordia	Prediction and inference in moving average processes 3yr - 3rd Inst.	Individual	16,280	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kao, K.C. Electrical Eng. Manitoba	Electrical and optical properties of materials and devices-amorphous, polycrystalline and crystalline semiconductors and devices; prebreakdown and breakdown in dielectrics	Individual	27,200	11
Kaplan, B.J. Psychology Calgary	Analysis of rodent electrocorticographic (ECoG) spindles 3yr - 1st Inst.	Individual	8,000	12
Kaplan, J.G. Biochemistry Alberta	Molecular biology of cellular stimulation and transformation 3yr - 3rd Inst.	Individual	51,935	02
Kaplan, M.A. INRS-Télécom. Québec-INRS	Study of message flows in computer communication networks 3ans - 3ième vers.	Individuelle	10,024	07
Kapoor, M. Biology Calgary	1) Studies in regulation of structure and function of enzymes. 2) Microbial metabolism of benzo(alpha)pyrene 3yr - 2nd Inst.	Individual	22,000	02
Kapoor, N.N. Biology Concordia	Studies on the 'Chloride cells' and transporting epithelia in aquatic insects 3yr - 3rd Inst.	Individual	9,029	01
Kapral, R.E. Chemistry Toronto	Statistical mechanics of relaxation processes and chemical kinetics	Individual	30,000	05
Karamanos, R.E. Soil Science Saskatchewan	Nitrogen isotope studies in chernozemic soils 3yr - 2nd Inst.		20,000	03
Karasek, F.W. Chemistry Waterloo	Instrumental analysis by plasma chromatography and GC/MS computer, HPLC techniques 3yr - 3rd Inst.	Individual	20,050	05
Kari, R. Chemistry Laurentian	Mathematical and computational methods in chemistry 3yr - 2nd Inst.	Individual	6,600	05
Karim, G.A. Mechanical Eng. Calgary	Experimental and analytical studies of some combustion phenomena and systems 3yr - 1st Inst.	Individual	28,500	13
Karl, G. Physics Guelph	Research work in theoretical physics	Individual	20,260	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Karrass, A. Mathematics York	Treed HNN groups and applications 3yr - 2nd Inst.	Individual	13,564	16
Karrow, P.F. Earth Sciences Waterloo	Quaternary chronology and interglacial-interstadial environments 3yr - 2nd Inst.	Individual	20,900	10
Kasha, K.J. Crop Science Guelph	Research on the production and utilization of haploids in crops 3yr - 1st Inst.	Individual	28,000	03
Kasinsky, H.E. Zoology British Columbia	Studies on histone synthesis during spermiogenesis and early embryogenesis in amphibians and other animals 3yr - 3rd Inst.	Individual	18,117	02
Kates, M. Biochemistry Ottawa	Chemistry and metabolism of cellular lipids 3yr - 2nd Inst.	Individual	33,000	05
Katz, A.N. Psychology Western Ontario	The representation and function of referential properties 3yr - 3rd Inst.	Individual	8,455	12
Katz, S. Mechanical Eng. Concordia	Fluid control components 3yr - 1st Inst.	Individual	16,500	13
Kaufman, W.R. Zoology Alberta	Physiological and developmental studies on the salivary glands of ixodid ticks (Acari:Ixodidae) 3yr - 1st Inst.	Individual	12,500	01
Kaul, S.K. Math/Statistics Regina	1) Problems in continua theory 2) Fixed point problems in certain transformation groups 3yr - 2nd Inst.	Individual	2,120	16
Kavaliers, M.I. Zoology Western Ontario	Integration of circadian systems: roles of light and temperature 3yr - 2nd Inst.		16,000	01
Kay, B.D. Land Resource Sc Guelph	Quantitative characterization of mass and heat transfer in freezing soils 3yr - 1st Inst.	Individual	19,000	10
Kay, C.W. Microbiology Guelph	Investigation of antigenic profiles of infectious pancreatic necrosis virus 3yr - 1st Inst.	Individual	10,000	02
Kay, D.A.R. Metal/Mat. Science McMaster	Fundamental studies for iron and steel making processes 3yr - 1st Inst.	Individual	19,400	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kay, W.W. Biochem./Microbiol. Victoria	Biochemistry and genetic regulation of carboxylic acid transport in bacteria 3yr - 3rd Inst.	Individual	30,195	02
Kaye, E.H. Physics Laurentian	Rheology of suspensions. Cybernetic instruments for characterizing fine particles 3yr - 1st Inst.	Individual	20,630	15
Kearney, R.E. Bio-Med Eng. McGill	Biomedical systems identification and parameter estimation	Individual	13,200	11
Keast, J.A. Biology Queen's	Feeding and spatial ecology of fish species in lake and stream communities. Evolutional zoogeography of continental faunas 3yr - 3rd Inst.	Individual	27,779	18
Keast, P. Computer Science Toronto	Numerical evaluation of multidimensional integrals	Individual	9,000	07
Keates, R.A.E. Chemistry Guelph	Mechanisms of microtubule assembly 3yr - 1st Inst.	Individual	13,000	02
Kebarle, P. Chemistry Alberta	Gas phase ion chemistry - relationships with ions in solution 3yr - 2nd Inst.	Individual	59,400	05
Keddy, P.A. Botany & Genetics Guelph	Population ecology of freshwater shoreline plants 3yr - 3rd Inst.	Individual	15,701	18
Keeler, W.J. Physics Lakehead	Experimental physics research in semiconductors 3yr - 2nd Inst.	Individual	12,068	15
Keenan, F.J. Forestry Toronto	Use of poplar lumber for structural glued-laminated timber 3yr - 2nd Inst.	Individual	9,350	06
Keenan, T.P. Computer Science Calgary	Security, privacy, and integrity enhancements for small computers	Individual	4,000	07
Keener, L.L. Mathematics Dalhousie	Constrained and reciprocal approximations from Haar spaces 3yr - 3rd Inst.	Individual	2,443	16
Keenleyside, M.H.A. Zoology Western Ontario	Reproductive strategies and parental care in fishes 3yr - 3rd Inst.	Individual	21,740	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Keffer, J.F. Mechanical Eng. Toronto	Structure of turbulent flows 3yr - 2nd Inst.	Individual	37,950	13
Keil, M. Chemistry Toronto	Energy transfer and chemical reactions	Individual	9,000	05
Kelker, D.H. Mathematics Alberta	1) Quotients of special functions and infinite divisibility 2) Probability distributions on the sphere applied to geology 3yr - 3rd Inst.	Individual	3,563	14
Keller, W.A. Biology Carleton	Experimental haploidy and somatic cell genetics in cruciferous and solanaceous species 3yr - 2nd Inst.	Individual	12,100	02
Kellman, M.C. Geography York	Forest invasion and nutrient accumulation on infertile soils 3yr - 3rd Inst.	Individual	2,416	18
Kelln, R.A. Chemistry Regina	Regulation of pyrimidine and arginine metabolism in enteric bacteria 3yr - 3rd Inst.	Individual	16,909	02
Kelly, D. Mathematics Manitoba	Dimension of posets, lattice theory and universal algebra 3yr - 1st Inst.	Individual	4,666	16
Kelly, F.M. Physics Manitoba	Atomic spectra and radiation from atoms and infrared atomic & molecular spectra 3yr - 1st Inst.	Individual	17,430	15
Kelly, J.B. Psychology Carleton	Studies of the central auditory system 3yr - 1st Inst.	Individual	20,000	12
Kelly, R.B. Chemistry New Brunswick	Synthesis of natural products 3yr - 3rd Inst.	Individual	16,184	05
Kemp, C.L. Biol. Sciences Simon Fraser	Morphogenetic studies of microorganisms 3yr - 3rd Inst.	Individual	21,740	02
Kempton, A.G. Biology Waterloo	Microbiology of meat and meat products - evaluation and control of microbial quality 3yr - 2nd Inst.	Individual	6,600	03
Kendall, J. Electrical Eng. Calgary	1) The electrical properties of crude oil and bitumen 2) Multiphase flowmeters	Individual	14,520	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kendall, S.B. Psychology Western Ontario	Behavioural contrast in preference for intermittent reinforcement 3yr - 3rd Inst.	Individual	8,455	12
Kendrick, E. Biology Waterloo	Bioerosion of calcareous substrates by fungi * with M.J.Risk (McMaster) 2yr - 1st Inst.	Co-op	14,000	03
Kendrick, E.W. Biology Waterloo	Systematics, ecology and biogeography of microfungi 3yr - 3rd Inst.	Individual	56,767	03
Kennedy, E.W. Animal/Poultry Sc. Guelph	Genetics of milk composition in dairy cattle 3yr - 1st Inst.	Individual	15,000	01
Kennedy, H.A. Botany Manitoba	Systematic studies of Calathea subgenus Macropus 3yr - 1st Inst.	Individual	8,000	03
Kennedy, J.B.P. Civil Engineering Windsor	1) Crack control in bridge decks 2) Ultimate-load carrying capacity of waffle slab bridges 3) Soil-steel bridge structures supported by reinforced earth abutments - feasibility study 3yr - 2nd Inst.	Individual	31,900	06
Kennedy, J.M. Life Sciences Toronto	Depiction by blind subjects 3yr - 1st Inst.	Individual	10,000	12
Kennedy, J.S. Mechanical Eng. Alberta	Flow characteristics in two successive pipe elbows	Individual	5,000	13
Kennedy, M.J. Geological Sciences Brock	Tectonic development in mobile belts 3yr - 3rd Inst.	Individual	27,779	10
Kennedy, P.M. Animal Science Alberta	Rumen particulate matter turnover and comminution in forage intake 3yr - 1st Inst.		11,000	01
Kennelly, J.J. Animal Science Alberta	Dysprosium and cobalt-EDTA as gastro-intestinal markers 3yr - 1st Inst.	Individual	15,000	01
Kennett, T.J. Physics McMaster	Pure and applied nuclear physics 3yr - 1st Inst.	Individual	42,000	22
Kenney, T.C. Civil Engineering Toronto	Properties of natural soils and rocks 3yr - 3rd Inst.	Individual	18,117	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kenney-Wallace, G.A. Chemistry Toronto	Picosecond laser spectroscopy 3yr - 2nd Inst.	Individual	27,500	05
Kent, C.F. Mathematical Sci. Lakehead	Application of logic to theoretical computer science	Individual	1,666	16
Kentfield, J.A.C. Mechanical Eng. Calgary	Pressure-gain combustion 3yr - 1st Inst.	Individual	16,000	13
Keppie, D.M. Biology New Brunswick	Recruitment into animal populations 3yr - 1st Inst.	Individual	16,000	18
Kerekes, R.J. Chemical Eng. British Columbia	Pulp suspensions in process flows 3yr - 3rd Inst.	Individual	9,946	04
Kerman, R.A. Mathematics Brock	Norm inequalities for operators on rearrangement invariant spaces with underlying weighted measures 3yr - 3rd Inst.	Individual	1,746	16
Kernahan, J.A. Physics Alberta	Transition probability measurements for "forbidden" and allowed lines 3yr - 3rd Inst.	Individual	11,474	15
Kerr, C.N. Mechanical Eng. Queen's	Rapid solution by analog/hybrid computer of boundary layer and natural convection problems 3yr - 2nd Inst.	Individual	7,150	13
Kerr, D.P. Physics Winnipeg	Positron annihilation in condensed media 3yr - 2nd Inst.	Individual	13,838	15
Kerr, H.W. Mechanical Eng. Waterloo	Transformations and properties of joined materials 3yr - 3rd Inst.	Individual	24,440	04
Kerr, K.A. Physics/Chemistry Calgary	Crystal structure studies, accurate measurement of intensities 3yr - 2nd Inst.	Individual	14,300	05
Kerrich, R. Geology Western Ontario	Thermal and volume history of Archaean oceans with geochemical implications	Individual	22,500	10
Kershaw, K.A. Biology McMaster	Physiological ecology of lichens with special reference to northern ecosystems 3yr - 2nd Inst.	Individual	82,500	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kesavan, H.K. Systems Design Waterloo	Network models for computer- aided design 3yr - 2nd Inst.	Individual	18,150	11
Kessler, D. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Kessler, D. Physics Carleton	* Principal investigator P.H.Depommier(Montréal)	Project		27
Kessler, D. Physics Carleton	* Principal investigator A.L.Carter(Carleton)	Project		27
Kessler, D. Physics Carleton	* Principal investigator A.L.Carter(Carleton)	Project		27
Kesteven, M. Physics Queen's	Radio astronomy	Individual	3,000	17
Kevan, D.K.M. Entomology Macdonald Coll.	Biosystematics of orthopteroid insects and of inadequately known Canadian non-marine arthropods Ethnoentomology of orthopteroid insects 3yr - 2nd Inst.	Individual	38,500	01
Khalil, Z.S. Mathematics Concordia	Reliability of stochastic networks 3yr - 1st Inst.	Individual	2,770	14
Khan, A.M. Civil Engineering Carleton	Investigation of means to improve the efficiency of intercity rail and bus transportation systems	Individual	13,000	06
Khan, R.A. Mar. Sc. Res. Lab Memorial	Studies on parasite protozoa of marine fish off the Nfld. coast 3yr - 2nd Inst.	Individual	19,982	01
Kharadly, M.M.Z. Electrical Eng. British Columbia	1) Microwave and millimetre-wave propagation in the lower atmosphere 2) Microwave models of biological systems 3) Non- thermal effects of microwave radiation 3yr - 2nd Inst.	Individual	16,500	11
Kiang, D.B.I. Physics Dalhousie	Theoretical nuclear and particle physics 3yr - 1st Inst.	Individual	19,790	15
Kiang, M.T. Mathematics Saint Mary's	Fixed point theorems for linearly ordered semigroups of mappings 3yr - 3rd Inst.	Individual	1,450	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kidder, G.M. Zoology Western Ontario	Developmental genetics of the preimplantation embryo 3yr - 3rd Inst.	Individual	16,909	02
Kieffe, H. Physics Memorial	Laser light scattering spectroscopy 3yr - 2nd Inst.	Individual	17,314	15
Kilgour, D.M. Mathematics Wilfrid Laurier	Solutions and solution concepts in non-cooperative games 3yr - 1st Inst.	Individual	1,000	16
Kim, B.K. Math/Statistics Memorial	Asymptotic properties of the bivariate histogram-type density estimates 3yr - 2nd Inst.	Individual	2,508	14
Kim, C.W. Mathematics Simon Fraser	Ergodic theory 3yr - 1st Inst.	Individual	2,722	16
Kim, C.Y. Physics Calgary	Photon induced reactions	Individual	4,000	22
Kim, H.K. Electrical Eng. Manitoba	1) Global optimization of filters in canonic ladder structures 2) A new class of monolithic analog filters without resistors 3yr - 2nd Inst.	Individual	12,760	11
Kimmerle, F.M. Chemistry Sherbrooke	Electrochemical separators (Séparateurs électrochimiques) 3yr - 1st Inst.	Individual	14,000	05
Kimmins, W.C. Biology Dalhousie	Plant virology. Host resistance mechanisms and cell wall composition 3yr - 3rd Inst.	Individual	24,156	02
Kimura, D. Psychology Western Ontario	Asymmetrical organization of psychological functions in the human brain 3yr - 1st Inst.	Individual	43,000	12
Kind, R.J. Mech. & Aeronaut. Carleton	Aerodynamics of flight and ground vehicles and wind-induced transport phenomena 3yr - 3rd Inst.	Individual	18,117	13
King, A.F. Geology Memorial	Eo-Cambrian studies on the Avalon and Western Platforms of Newfoundland 3yr - 3rd Inst.	Individual	7,247	10
King, G.J. Animal/Poultry Sc. Guelph	Microscopic and endocrinological investigation of implantation in domestic animals 3yr - 2nd Inst.	Individual	24,530	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
King, G.W. Chemistry McMaster	Spectroscopy and structure of polyatomic molecules 3yr - 3rd Inst.	Individual	51.693	05
King, H.W. Physics Dalhousie	Electron transport properties of perovskite ceramics 3yr - 3rd Inst.	Individual	18.401	04
King, J. Biology Saskatchewan	Datura innoxia (Mill.) cell suspension cultures: a model system for somatic plant cell physiology and genetics 3yr - 1st Inst.	Individual	20.000	03
King, J.D. Physics Toronto	Nuclear cross sections of astrophysical interest	Individual	18.000	22
King, J.F. Chemistry Western Ontario	Mechanism, stereochemistry, and organic sulfur reactions	Individual	34.500	05
King, M.S. Geological Sciences Saskatchewan	Mechanical and electrical properties of rocks 3yr - 3rd Inst.	Individual	14.494	10
King, P.R. Computer Science Manitoba	1) Software specification techniques 2) Programming language design	Individual	13.000	07
King, R.H. Geography Western Ontario	Effects of environmental change on soil properties	Individual	3.000	10
Kingma, Y.U. Electrical Eng. Alberta	Electrical and mechanical activity in mammalian colon; modeling and instrumentation 3yr - 2nd Inst.	Individual	12.760	11
Kingston, J.F. Chemistry Memorial	Natural products from marine organisms native to Newfoundland	Individual	9.000	05
Kiparissides, C. Chemical Eng. Alberta	Mathematical modelling and computer control of latex reactors. Application of finite element to polymer melt flows 3yr - 3rd Inst.	Individual	8.738	04
Kirk, A.D. Chemistry Victoria	Photochemistry and luminescence of complex ions 3yr - 2nd Inst.	Individual	17.600	05
Kirk, D.W. Chemical Eng. Toronto	Electrochemical reaction engineering 3yr - 2nd Inst.		11.000	04
Kirkaldy, J.S.G. Metal/Mat. Science McMaster	On-line prediction of alloy properties 3yr - 2nd Inst.	Individual	34.650	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kirkhope, J. Mech. & Aeronaut. Carleton	1) Impact response of a bladed disc 2) Interaction of shaft and disc vibration 3yr - 2nd Inst.	Individual	11,550	13
Kirkpatrick, D.G. Computer Science British Columbia	Computational complexity of geometric and combinatorial problems	Individual	12,500	07
Kirouac, G. Psychologie Laval	Analyse expérimentale d'un déclencheur social chez l'homme: le schéma infantile 3ans - 1er vers.	Individuelle	6,000	12
Kisilevsky, H.H. Mathematics Concordia	Number theory 3yr - 3rd Inst.	Individual	6,284	16
Kissin, S.A. Geology Lakehead	Crystal chemistry and stabilities of sulphide minerals 3yr - 2nd Inst.	Individual	8,800	10
Kitai, R. Elec. & Comp. Eng. McMaster	Digital instrumentation, digital systems	Individual	13,700	11
Kitai, R. Elec. & Comp. Eng. McMaster	* Principal investigator J. Flusty (McMaster) 3yr - 2nd Inst.	Co-op		13
Kitching, J.E. Physics McGill	* Principal investigator J.K.P. Lee (McGill)	Group		22
Kitching, P. Physics Alberta	* Principal investigator J.M. Cameron (Alberta)	Project		27
Kitching, P. Physics Alberta	IEP-77 - Fission Evaporation Competition * with W.J. McDonald, G.C. Neilson, W.C. Olsen, R. Abegg, D.A. Hutcheon (Alberta)	Project	26,000	27
Kitching, P. Physics Alberta	IEP-88 - A Comparative study of the reactions $2H(p, \pi^+)n$ and $3He(p, \pi^+)p$ * with J.M. Cameron, W.J. McDonald, W.C. Olsen, C.A. Miller (Alberta)	Project	14,000	27
Kitching, P. Physics Alberta	* Principal investigator D.A. Hutcheon (Alberta)	Project		27
Kitching, P. Physics Alberta	* Principal investigator G.A. Moss (Alberta)	Project		27
Kitching, P. Physics Alberta	* Principal investigator G. Roy (Alberta) 3yr - 2nd Inst.	Co-op		27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kitts, W.D. Animal Science British Columbia	Reproductive endocrinology: Ovine placental lactogens; Zearanol as an estrogenic anabolic agent 3yr - 2nd Inst.	Individual	36,300	01
Klajner, F. Psychology Toronto	* Principal investigator C.P.Herman(Toronto) 3yr - 3rd Inst.	Group		12
Klamkin, M.S. Mathematics Alberta	Geometric inequalities, differential and difference operators 3yr - 3rd Inst.	Individual	4,190	16
Klasa, S. Computer Science Concordia	Graphical methods in fast matrix multiplication 3yr - 3rd Inst.	Individual	2,350	16
Klassen, G.R. Microbiology Manitoba	Regulation of RNA synthesis by phosphorylated sugar dinucleotides (HS compounds) 3yr - 2nd Inst.	Individual	7,700	02
Klein, M.L. Chemistry McMaster	Molecular crystals 3yr - 2nd Inst.	Individual	11,000	05
Klein, R.M. Psychology Dalhousie	Studies of human perception and cognition 3yr - 1st Inst.	Individual	16,000	12
Kluepfel, D. Bacteriology Québec-IAF	Studies on methods for improved cellulose and hemicellulose bioconversion by streptomycetes * with M.Ishaque(Univ. du Qué.- IAF) 3yr - 1st Inst.	Group	12,000	02
Kluger, R.H. Chemistry Toronto	Thiamine, biotin and enzymic catalysis 3yr - 2nd Inst.	Individual	22,000	05
Klvana, D. Génie chimique Ecole Polytech.	Développement des techniques d'utilisation de l'énergie rayonnante 3ans - 1er vers.	Individuelle	7,900	04
Knapton, R.W. Biolog. Sciences Brock	Factors influencing female choice of mate and the evolution of polygyny 3yr - 1st Inst.		18,000	18
Knaus, E.E. Pharmaceutical Chem Alberta	Some studies on the synthesis of heterocyclic cis-aminoalcohols, bicyclic nitrogen heterocycles and stable 1,6-dihydropyridines 3yr - 1st Inst.	Individual	9,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Knerer, G. Zoology Toronto	A) Social evolution and caste determination in halictine bees B) Diapause mechanisms in diprionid sawflies 3yr - 3rd Inst.	Individual	21,379	18
Knettig, E. Civil Engineering Alberta	Activated carbon adsorption of toxic organic pollutants 3yr - 1st Inst.	Individual	9,000	06
Knight, A.R. Science Saskatchewan	Photochemistry and photophysics of sulfur containing compounds 3yr - 2nd Inst.	Individual	14,300	05
Knoechel, R. Biology Memorial	Phytoplankton ecology and energy flow in aquatic ecosystems 3yr - 1st Inst.	Individual	6,500	18
Knoechel, R. Zoology Toronto	Phytoplankton ecology and energy flow in aquatic ecosystems	Individual	15,500	18
Knoechel, R. Zoology Toronto	* Principal investigator J.E. Paloheimo (Toronto) 3yr - 3rd Inst.	Co-op		18
Knop, D. Chemistry Dalhousie	Studies in structural inorganic chemistry 3yr - 1st Inst.	Individual	19,500	05
Knott, D.R. Crop Science Saskatchewan	Genetic and cytogenetic studies of rust resistance in wheat 3yr - 3rd Inst.	Individual	31,403	02
Knowles, P.H. Forestry Lakehead	Genetic variability in natural and artificially selected stands of jack pine and white spruce 3yr - 1st Inst.	Individual	15,000	02
Knowles, R. Microbiology Macdonald Coll.	Nitrogen fixation, denitrification and related processes 3yr - 2nd Inst.	Individual	26,400	02
Knystautas, E.J. Physique Laval	Spectroscopie atomique à l'aide d'un accélérateur Van de Graaff * avec R. Drouin (Laval) 3ans - 2ième vers.	Groupe	34,947	15
Knystautas, R. Mechanical Eng. McGill	Development and propagation of detonation in fuel-air vapor clouds 3yr - 2nd Inst.	Individual	19,250	13
Kobluk, D.R. Geology Toronto	Cavity-dwelling organisms in Paleozoic reefs 3yr - 1st Inst.	Individual	17,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kocay, W.L. Computer Science Manitoba	Computational theory of graph reconstruction 3yr - 2nd Inst.		11,000	07
Kocherlakota, K.K. Statistics Manitoba	1) Applied multivariate analysis 2) Analysis of discrete data 3yr - 3rd Inst.	Individual	4,657	14
Kocherlakota, S. Statistics Manitoba	Distribution theory in multivariate analysis robustness studies 3yr - 3rd Inst.	Individual	7,517	14
Kochman, S.D. Mathematics Western Ontario	Applications of symplectic cobordism 3yr - 3rd Inst.	Individual	6,284	16
Koehler, J.A.R. Physics Saskatchewan	Ionospheric electric field and magnetic field measurements 3yr - 2nd Inst.	Individual	19,800	17
Koehler, J.A.R. Physics Saskatchewan	* Principal investigator J.W.MacDougall(Western Ontario)	Co-op		17
Koehler, J.A.R. Physics Saskatchewan	* Principal investigator D.J.McEwen(Sask.) 3yr - 1st Inst.	Co-op		17
Koehler, J.A.R. Physics Saskatchewan	* Principal investigator G.Rostoker(Alberta)	Co-op		17
Koehler, R.A. Physics York	Auroral and cleft region studies 3yr - 1st Inst.	Individual	6,000	17
Koehler, R.A. Physics York	* Principal investigator J.W.MacDougall(Western Ontario)	Co-op		17
Koehler, R.A. Physics York	* Principal investigator G.Rostoker(Alberta)	Co-op		17
Koehler, R.A. Physics York	* Principal investigator G.G.Shepherd(York)	Co-op		17
Koffyberg, F.P. Physics Brock	Electronic and optical properties of semiconducting oxides 3yr - 1st Inst.	Individual	13,000	15
Kokkinidis, L. Psychology Saskatchewan	Behavioral and neurochemical effects of acute and chronic amphetamine treatment 3yr - 3rd Inst.	Individual	7,730	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kokta, B.V. Pâtes et papiers Qué.-Trois-Riv	Techniques de greffage 3ans - 2ième vers.	Individuelle	16.115	04
Kolb, B.E. Psychology Lethbridge	An analysis of loss and recovery of higher motor function following damage to the neocortex 3yr - 2nd Inst.	Individual	18.590	12
Kolers, P.A. Psychology Toronto	Visual information processing 3yr - 1st Inst.	Individual	44.000	12
Komourdjian, M.P. Mathematics St. F. Xavier	Effects of temperature and salinity on salmonid growth 3yr - 3rd Inst.	Individual	8.455	01
Kong, P.C. Chimie Qué.-Montréal	* Chercheur principal F.D.Rochon(Qué.-Montréal) 3ans - 2ième vers.	Groupe		05
Koningstein, J.A. Chemistry Carleton	Light scattering spectroscopy with pulsed tunable lasers 3yr - 2nd Inst.	Individual	41.360	05
Konopasek, F. Physics Manitoba	Automatic beam profiler: Feasibility of electron beam cooling	Individual	7.000	22
Kopecky, K.R. Chemistry Alberta	Studies of luminescent molecules, peroxides and thermal polymerization 3yr - 1st Inst.	Individual	11.000	05
Kops, L. Mechanical Eng. McGill	Thermoelastic behaviour of structural joints with particular reference to machine tools 3yr - 2nd Inst.	Individual	16.500	13
Koran, Z. Pâtes et papiers Qué.-Trois-Riv	"Caractéristiques papetières des pâtes feuillues" 3ans - 2ième vers.	Individuelle	13.200	04
Kornblatt, J.A. Biology Concordia	The conformations of cytochrome c oxidase - their roles in the catalytic mechanism and energy transduction 3yr - 1st Inst.	Individual	13.000	02
Kornblatt, M.J. Chemistry Concordia	The spermatocyte plasma membrane: composition, synthesis and properties 3yr - 2nd Inst.	Individual	13.200	02
Korol, R.M. Civ Eng/Eng Mech McMaster	Analysis and design of steel structures of tubular members 3yr - 1st Inst.	Individual	15.000	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Korteling, R.G. Chemistry Simon Fraser	IEP-22 - The characteristics of Fragments Emitted from silver with 200-500 MeV protons * with K.P.Jackson,D.H.Boal, J.M.D'Auria(Simon Fraser)	Project	22,000	27
Korteling, R.G. Chemistry Simon Fraser	* Principal investigator J.M.D'Auria(Simon Fraser)	Project		27
Korteling, R.G. Chemistry Simon Fraser	IEP-86 - SFU experimental medium energy program Support Staff * with A.S.Arrott,J.M.D'Auria, K.P.Jackson,P.W.Percival(Simon Fraser)	Project	75,000	27
Korteling, R.G. Chemistry Simon Fraser	* Principal investigator K.P.Jackson(Simon Fraser)	Project		27
Korteling, R.G. Chemistry Simon Fraser	* Principal investigator D.E.Nelson(Simon Fraser) 3yr - 2nd Inst.	Co-op		21
Kos, J.F. Physics/Astronomy Regina	Electron transport in metals at low temperatures 3yr - 1st Inst.	Individual	13,190	15
Kosaric, N. Chem./Biochem. Eng Western Ontario	Biochemical and food engineering (biotechnology) research 3yr - 1st Inst.	Individual	14,400	04
Koslow, J.A. Oceanography Dalhousie	The ecology of pelagic schooling fish on the Scotian shelf 3yr - 2nd Inst.	Individual	11,000	18
Kotovych, G. Chemistry Alberta	Nuclear magnetic resonance of biological systems 3yr - 3rd Inst.	Individual	14,977	05
Kott, E. Biology Wilfrid Laurier	1) Taxonomic revision of holarctic lampreys. 2) Reproductive biology of redborse suckers 3yr - 2nd Inst.	Individual	3,300	18
Kotzig, A. Centre de rech math Montréal	Applications de la théorie des graphes aux structures mathématiques et en rationalisation et optimisation 3ans - 1er vers.	Individuelle	12,442	16
Kouwen, N. Civil Engineering Waterloo	1) Theory of physical and mathematical modelling for water quality applications 2) The operation of reservoirs using radar precipitation measurements 3yr - 2nd Inst.	Individual	15,400	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee
Nom Département Université	But de la subvention	Genre	Montant \$ Comité
Koval, D.D. Electrical Eng. Alberta	Energy curtailment and utilization in distribution systems	Individual	9,100 11
Koval, J.J. Stat. & Actuar. Sc Western Ontario	Correlation estimation and logistic models 3yr - 1st Inst.	Individual	1,980 14
Kovarik, Z.V. Mathematical Sci. McMaster	Rigorous error bounds in numerical linear algebra 3yr - 3rd Inst.	Individual	3,143 16
Kozak, A. Forestry British Columbia	1) Development of a new estimating system to simplify and improve the presently used decay, waste and breakage loss factors 2) Determination of loss of bark during logging and transportation of logs to the millyard 3yr - 3rd Inst.	Individual	8,455 18
Kraft, C.H. Math/Statistics Montréal	Robustness of statistical methods 3yr - 2nd Inst.	Individual	8,699 14
Krakiwsky, E.J. Surveying Eng Calgary	Engineering surveying methodology * with E.G.Anderson, W.F.Teskey(Calgary)	Group	32,000 06
Kramer, D.L. Biology McGill	Behavioral and physiological ecology of fish respiration	Individual	11,000 18
Kramer, J.R. Geology McMaster	Metal-ligand speciation and particulate interaction in natural waters 3yr - 2nd Inst.	Individual	18,700 10
Krane, W.R. Psychology Simon Fraser	Structural analysis of multivariate, dissimilarity, and asymmetric data 3yr - 1st Inst.	Individual	7,500 12
Kratochvil, B. Chemistry Alberta	Solute-solvent interactions and their analytical applications 3yr - 2nd Inst.	Individual	22,000 05
Krause, G.R. Math./Astronomy Manitoba	Noetherian rings 3yr - 1st Inst.	Individual	12,442 16
Krause, H.H. Forestry New Brunswick	Forest floor chemistry and effects on the underlying mineral soil 3yr - 3rd Inst.	Individual	9,662 03
Krause, L. Physics Windsor	Atomic and molecular collisions 3yr - 3rd Inst.	Individual	54,351 15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Krause, M.D. Biology New Brunswick	Control of gene expression in eukaryotes 3yr - 3rd Inst.	Individual	42,273	02
Krausz, A.S. Mechanical Eng. Ottawa	Kinetics of thermally activated fracture 3yr - 2nd Inst.	Individual	20,350	04
Krebes, E.S. Geology & Geophys. Calgary	Seismic waves in anelastic media	Individual	6,000	10
Krebs, C.J. Zoology British Columbia	Population biology of small mammals 3yr - 2nd Inst.	Individual	44,000	18
Krebs, C.J. Zoology British Columbia	Functional dynamics of the vertebrate community in the Klutane Region, Yukon " with A.R.E.Sinclair, J.N.M.Smith (B.C.) 3yr - 2nd Inst.	Co-op	55,000	18
Krein, H.L. Mechanical Eng. Memorial	Composite construction components	Individual	8,500	13
Krell, M. Physique Sherbrooke	Interaction Méson-Noyau 3ans - 1er vers.	Individuelle	2,000	15
Krepec, T.H. Mechanical Eng. Concordia	Research in low cost fuel control system for small gas turbine engines	Individual	12,000	13
Kresge, A.J. Chemistry Toronto	Proton transfer	Individual	36,000	05
Kretschmer, D. Génie mécanique Laval	Applied combustion 3ans - 2ième vers.	Individuelle	9,350	13
Kretz, R. Geology Ottawa	Geological history of a segment of the St. Lawrence rift system 3yr - 2nd Inst.	Individual	5,225	10
Kreuzer, H.J. Physics Alberta	Non-equilibrium statistical mechanics and microscopic hydrodynamics 3yr - 3rd Inst.	Individual	14,603	15
Kreyszig, E. Mathematics Windsor	Function theoretic methods in partial differential equations with applications 3yr - 1st Inst.	Individual	21,441	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Krishnadev, M. Mines & métallurgie Laval	Développement et caractérisation des aciers destinés au transport et à la conversion de l'énergie et des ressources 3ans - 2ième vers.	Individuelle	16,115	04
Krishnamurti, C.R. Animal Science British Columbia	Substrate utilization by the ovine fetus in utero 3yr - 2nd Inst.	Individual	8,250	01
Kristmanson, D.D. Chemical Eng. New Brunswick	Atomization of insecticide formulations: controlling drop size distributions 3yr - 1st Inst.	Individual	9,400	04
Kristofferson, A.E. Psychology McMaster	Temporal factors in human information processing 3yr - 2nd Inst.	Individual	20,790	12
Krogh, T.E. Geology Toronto	Research in geochronology: techniques, tests and applications to geological problems	Individual	12,000	10
Kronberg, E.I. Geology Western Ontario	Soil geochemistry 3yr - 1st Inst.		10,000	10
Kronberg, P.P. Astronomy Toronto	Observational and theoretical study of extragalactic radio sources and extragalactic matter 3yr - 1st Inst.	Individual	45,000	17
Kropinski, A.M. Micro/Immunology Queen's	Pseudomonas aeruginosa lipopolysaccharide: structure and phage interactions 3yr - 1st Inst.	Individual	19,000	02
Krouse, H.R. Physics Calgary	Stable isotope fractionation studies 3yr - 3rd Inst.	Individual	39,857	10
Kruse, R.L. Mathematics Saint Mary's	Application of finite algebra to algorithm design	Individual	3,000	07
Kruus, P. Chemistry Carleton	1) Speciation and dynamics in liquids and solutions 2) Chemical effects of intense ultrasound 3yr - 2nd Inst.	Individual	7,700	05
Kruuv, J. Physics Waterloo	Effects of temperature on cell survival: mechanisms of action and modification of effects 3yr - 3rd Inst.	Individual	14,494	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kubina, S.J. Electrical Eng. Concordia	Radiating systems on complex structures and EMC with special emphasis on computer techniques and graphics 3yr - 1st Inst.	Individual	9,200	11
Kucеровsky, Z. Electrical Eng. Western Ontario	Techniques for generalization and detection of coherent optical signals for communications, remote sensing and astronomy 3yr - 2nd Inst.	Individual	11,000	11
Kuehner, J.A. Physics McMaster	Nuclear structure studies of light nuclei	Individual	60,000	22
Kuehner, J.A. Physics McMaster	Nuclear data project * with D.G.Burke, J.A.Cameron, A.A.Pilt, R.G.Summers-Gill, J.C.Waddington(McMaster), H.W.Taylor(Toronto)	Co-op	40,000	22
Kuffel, E. Electrical Eng. Manitoba	High voltage insulation * with M.R.Raghuveer(Manitoba).	Group	17,600	11
Kuhlemeyer, R.L. Civil Engineering Calgary	1) Soil-pile interaction 2) Machinery foundation design 3) Investigation of rock quality in-situ 3yr - 3rd Inst.	Individual	10,870	06
Kuhnlein, H.V. Household Econ. British Columbia	Human fecal mutagenic activity: effects of diet 3yr - 2nd Inst.	Individual	8,250	01
Kuijt, J. Biolog. Sciences Lethbridge	Studies on structure and systematics of parasitic angiosperms 3yr - 2nd Inst.	Individual	23,760	03
Kuiken, D.L. Psychology Alberta	Kinesthetic imagery in dream content 3yr - 1st Inst.	Individual	6,000	12
Kukalova-Peck, J. Geology Carleton	Morphology and evolution of paleozoic insects with reference to phylogeny of recent insects 3yr - 2nd Inst.	Individual	11,902	10
Kulak, G.L. Civil Engineering Alberta	Fatigue strength of welded steel structures 3yr - 3rd Inst.	Individual	22,948	06
Kulick, J.H. Comp. & Info. Sc. Queen's	Research in 3-D image processing	Individual	5,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kulperger, R.U. Mathematical Sci. McMaster	Estimation and data analysis for point processes and branching processes 3yr - 1st Inst.	Individual	3,270	14
Kumar, S. Physical Therapy Alberta	Joints motion and stress analysis during stoop lifting in different planes	Individual	4,000	20
Kummer, H.J. Math/Statistics Queen's	Foundations of physics 3yr - 3rd Inst.	Individual	1,570	16
Kung, M.T. Business Admin. McMaster	Applications and computational procedures of obtaining least absolute value estimates for nonlinear regression problems	Individual	2,480	14
Kunov, H. Bio-Med Eng. Toronto	Bioacoustic instrumentation and signal processing with applications to clinical otolaryngology 3yr - 1st Inst.	Individual	13,700	11
Kunstatler, G. Physics Toronto	Particle physics and quantization in curved space- times 3yr - 1st Inst.		10,000	23
Kunzle, H.P. Mathematics Alberta	Classical relativistic dynamics 3yr - 3rd Inst.	Individual	4,227	15
Kurstak, E. Micro/immunologie Montréal	Research on in vitro replication of deonucleosis virus and on its characterization 3ans - 1er vers.	Individuelle	15,000	02
Kurz, E.J. Computer Science New Brunswick	Source model and fidelity criterion for color images	Individual	6,000	07
Kushner, D.J. Biology Ottawa	1) Microorganisms that live in extreme environments 2) Mechanisms of microbial resistance to toxic substances 3yr - 3rd Inst.	Individual	44,689	02
Kutney, J.P. Chemistry British Columbia	Synthesis, biosynthesis and structure elucidation of natural products 3yr - 2nd Inst.	Individual	48,400	05
Kuzdrall, P.J. Op. Man. Area Gr. Western Ontario	* Principal investigator C.J.Piper(Western Ontario)	Group		20
Kwak, J.C.T. Chemistry Dalhousie	The physical chemistry of colloidal and macromolecular electrolytes	Individual	15,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kwok, C.C.K. Mechanical Eng. Concordia	Research and application of vortex flow phenomenon in fluid control technology 3yr - 2nd Inst.	Individual	34,650	13
Kwong, R.H.S. Electrical Eng. Toronto	Analysis and stability of adaptive control and integrated communication systems	Individual	13,500	11
Kwong, Y.S. Mathematical Sci. McMaster	Asynchronous parallel computation	Individual	8,000	07
Kydd, R.A. Chemistry Calgary	Vibrational spectroscopy of flexible groups and surface- adsorbed molecules	Individual	15,000	05
Kydon, D.W. Physics Winnipeg	Nuclear magnetic resonance studies in solids 3yr - 1st Inst.	Individual	10,110	15
Laale, H.W. Zoology Manitoba	In vitro observations on fish embryonic cells and tissues	Individual	7,500	01
Laarveld, B. Animal/Poultry Sc. Saskatchewan	The effects of prolactin and growth hormone on bovine mammary gland metabolism in vivo 3yr - 1st Inst.	Individual	8,250	01
Laba, J.T. Civil Engineering Windsor	1) Reinforced earth retaining walls under strip load 2) Water jetting as a method of compaction 3yr - 1st Inst.	Individual	9,000	06
Laberge, C.A. Genie mécanique Ecole Polytech.	* Chercheur principal A.Bazergui(Ecole Poly.) 3ans - 3ième vers.	Groupe		13
Labonville, R. Mécanique Ecole Polytech.	Sensibilité au froid des moteurs hydrauliques à pistons opérant en région arctique	Individuelle	6,500	13
Labrie, J.P. Physique Montréal	Conception et réalisation d'un injecteur pour accélérateur d'électrons		10,000	22
Labute, J.P. Mathematics McGill	Unramified p-extensions of number fields 3yr - 2nd Inst.	Individual	5,086	16
Lacalli, T.C. Biology Saskatchewan	Nerve development in marine invertebrate larvae 3yr - 1st Inst.	Individual	14,000	01
Lachance, L. Genie civil Laval	Théorie non linéaire de la flexion composée uniaxiale et biaxiale des sections en béton armé 3ans - 3ième vers.	Individuelle	10,870	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lachance, M.A. Plant Science Western Ontario	Studies on yeast speciation and morphogenesis 3yr - 3rd Inst.	Individual	12,078	02
Lachlan, A.H. Mathematics Simon Fraser	Model theory and recursion theory 3yr - 1st Inst.	Individual	25,483	16
Lacroix, J.M. Psychology York	Mechanisms of biofeedback control and electrodermal asymmetries 3yr - 2nd Inst.	Individual	9,900	12
Lacroix, L.J. Plant Science Manitoba	1) Studies of frost tolerance of plants 2) Studies of tuber induction of potatoes 3yr - 3rd Inst.	Individual	14,494	03
Ladanyi, B. Génie civil Ecole Polytech.	Propriétés géotechniques des sols gelés et leur comportement en relation avec les fondations et les souterrains 3ans - 2ième vers.	Individuelle	36,575	10
Ladouceur, G.P. Photogrammétrie Laval	Télédétection des ressources et photogrammétrie forestière 3ans - 2ième vers.	Individuelle	9,350	06
Lafargue, B.C. Architect. paysagiste Montréal	Télédétection pour le développement et l'aménagement du paysage régional * avec F.Dehmichen, D.Routaboule(Montréal)/ 3ans - 2ième vers.	Groupe	9,900	06
Lafleur, J. Génie civil Ecole Polytech.	Résistance au cisaillement des argiles altérées	Individuelle	9,000	10
Lafontaine, J.G. Biologie Laval	Biochemical, cytochemical, radioautographic and ultrastructural studies of nuclear structures in actively dividing cells 3ans - 3ième vers.	Individuelle	54,351	02
Laforte, J.L. Sc. appliquées Qué-Chicoutimi	* Chercheur principal L.C.Phan(Qué.-Chicoutimi) 3ans - 1er vers.	Groupe		11
Laframboise, J.G. Physics York	Theory of electrodes in plasmas, and applied fluid transport problems 3yr - 1st Inst.	Individual	20,000	15
Laframboise, J.G. Physics York	* Principal investigator D.R.Moorcroft(Western Ontario)	Co-op		17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lagarec, D. Géographie Ottawa	Etude climatique de la vallée Gladstone, Yukon	Individuelle	6,000	10
Lai, C.S. Physics P.E.I.	Topics in plasma and theoretical physics 3yr - 2nd Inst.	Individual	11,121	15
Laidlaw, W.G. Chemistry Calgary	1) Hydrodynamic instabilities 2) Molecular structure calculations 3yr - 2nd Inst.	Individual	25,300	05
Laidler, K.U. Chemistry Ottawa	Kinetics of enzyme-catalyzed reactions	Individual	35,000	05
Lai-Fook, J.E.I. Zoology Toronto	Fine structure of secreting and developing systems in insects 3yr - 3rd Inst.	Individual	13,437	01
Laing, J.E. Environ. Biology Guelph	Characteristics of efficient parasites in the genus Apanteles 3yr - 1st Inst.	Individual	13,000	18
Laishley, E.J. Biology Calgary	Inorganic sulfur and selenium metabolism in clostridia 3yr - 1st Inst.	Individual	18,000	02
Laishley, E.J. Biology Calgary	* Principal investigator J.E.Hyne(Calgary) 3yr - 2nd Inst.	Co-op		21
Lajoie, J. Géologie Montréal	1) Etudes sédimentologiques des roches volcanoclastiques de l'Abitibi 2) Sédimentologie du flysch cambro-ordovicien des Appalaches du Québec 3ans - 3ième vers.	Individuelle	25,364	10
Lajtai, E.Z. Geology New Brunswick	Tensile fracture in rocks	Individual	2,367	10
Lajtai, E.Z. Geological Eng. Manitoba	Tensile fracture in rocks 3yr - 2nd Inst.	Individual	12,482	10
Lake, K.W. Physics Queen's	Studies in relativistic astrophysics and cosmology 3yr - 2nd Inst.		13,500	17
Lakhani, A.A. Physique Sherbrooke	Propriétés de transport électrique dans les uni et bi- dimensionnels	Individuelle	10,750	15
Lakis, A.A. Mécanique Ecole Polytech.	Effets des pressions d'un fluide à deux phases en écoulement turbulent sur les vibrations naturelles des coques 3ans - 2ième vers.	Individuelle	15,950	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lakser, H. Mathematics Manitoba	Universal algebra and lattice theory 3yr - 1st Inst.	Individual	9,332	16
Lal, R. Agric. Eng. Saskatchewan	Relationship of physical properties of straw and penetration resistance of soil in seed placement	Individual	8,500	13
Lalli, E.S. Mathematics Saskatchewan	Oscillation and boundedness of nth order differential equations with delays 3yr - 2nd Inst.	Individual	2,967	16
Lallier, R. Pathol./microbiol. Montréal	Etude comparative des hémolysines et des entérotoxines produites par Aeromonas hydrophila et Aeromonas sobria * avec S.Larivière(Montréal) 3ans - 3ième vers.	Groupe	16,909	02
Lalonde, M. Ecologie Laval	Isolement et caractérisation de Frankia fixateurs d'azote 3ans - 2ième vers.	Individuelle	17,600	03
Lalonde, W.R. Sys Eng/Comp Sci. Carleton	Chart languages and processor for implementing components of a programming system	Individual	11,500	07
Lam, C.M. Computer Science Windsor	Distributed database research	Individual	5,000	07
Lam, C.W.H. Computer Science Concordia	Computations in combinatorial mathematics 3yr - 3rd Inst.	Individual	4,190	16
Lam, H.C.S. Physics McGill	Quantum field theory and elementary particle physics 3yr - 2nd Inst.	Individual	25,949	15
Lam, K.Y. Mathematics British Columbia	Homotopy groups of spheres 3yr - 1st Inst.	Individual	8,333	16
Lambe, T.A. Public Administrat. Victoria	Decision-making in urban transportation systems 3yr - 2nd Inst.	Individual	11,550	20
Lambek, J. Mathematics McGill	Algebra and logic 3yr - 3rd Inst.	Individual	20,950	16
Lambert, R.M. Psychology Concordia	Descriptive logics as a theory of human deductive reasoning	Individual	5,000	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lambert, R.S.J. Geology Alberta	Neodymium, strontium and lead isotopic variations applied to terrestrial evolution	Individual	32,500	10
Lamontagne, C. Psychologie Ottawa	Vers une théorie computationnelle du "saut qualitatif" en psychologie cognitive	Individuelle	5,000	12
Lancaster, P. Math/Statistics Calgary	1) Operator valued functions 2) Interpolation and approximation 3yr - 2nd Inst.	Individual	26,532	16
Landstreet, J.D. Astronomy Western Ontario	Studies of polarization and magnetism in stars and galaxies 3yr - 3rd Inst.	Individual	30,195	17
Landva, A.O. Civil Engineering New Brunswick	Geotechnical investigation methods for sanitary landfills 3yr - 1st Inst.	Individual	11,000	06
Lane, N.D. Mathematical Sci. McMaster	1) Topics on geometric orders 2) Topics on Hjelmslev planes 3yr - 3rd Inst.	Individual	6,284	16
Laneville, A. Génie mécanique Sherbrooke	Aérodynamique des corps non-profilés simulation de la couche limite terrestre 3ans - 2ième vers.	Individuelle	12,100	13
Lang, M.A. Ctre.-Build. Stud. Concordia	Study of diffusion mechanisms in reverberation rooms 3yr - 3rd Inst.	Individual	9,662	13
Langan, B.W. Civil Engineering Calgary	* Principal investigator M.A.Ward(Calgary) 3yr - 1st Inst.	Group		06
Lange, G.L. Chemistry Guelph	Synthesis of natural products and biologically active compounds 3yr - 1st Inst.	Individual	7,500	05
Langford, C.H. Chemistry Concordia	Photochemistry and mechanism in inorganic chemistry 3yr - 1st Inst.	Individual	31,000	05
Langford, W.F. Mathematics McGill	Bifurcation theory and applications 3yr - 2nd Inst.	Individual	8,730	16
Langleben, M.P. Physics McGill	Drift and thermal regime of sea ice	Individual	9,000	10
Lankester, M.W. Biology Lakehead	The biology of pathogenic helminths of fish and game animals 3yr - 2nd Inst.	Individual	8,250	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lapalme, G. Infor. & rech opér. Montréal	Amélioration de l'efficacité de tâches parallèles en "ADA"	Individuelle	7,000	07
Lapierre, J. Génie-physique Ecole Polytech.	Physique des fibres optiques et leurs applications 3ans - 1er vers.	Individuelle	3,000	15
Laplante, A.R. Mining/Metal. Eng. McGill	Investigation of flotation kinetics in the froth phase 3yr - 1st Inst.	Individual	8,900	04
Lapointe, J. Biochimie Laval	Evolution and regulatory functions of aminoacyl-tRNA synthetases 3ans - 2ième vers.	Individuelle	20,350	02
Lapointe, J.A. Génie mécanique Sherbrooke	Composite: amiante et matrice métallique	Individuelle	7,400	04
Laporte, G. Méth. quant. gest. Montréal	Distribution - localisation - districting	Individuelle	15,000	20
Laposa, J.D. Chemistry McMaster	Luminescence of conformers 3yr - 3rd Inst.	Individual	8,938	05
Lardner, R.W. Mathematics Simon Fraser	1) Nonlinear vibrations and wave propagation 2) Mechanics of continuous media 3yr - 2nd Inst.	Individual	16,954	16
Larivière, S. Pathol./microbiol. Montréal	* Chercheur principal R.Lallier(Montréal) 3ans - 3ième vers.	Groupe		02
Larkin, F.M. Comp. & Info. Sc. Queen's	Numerical estimation of linear and non-linear functionals 3yr - 3rd Inst.	Individual	2,350	16
Larkin, P.A. Animal Res. Ecol. British Columbia	Predator-prey relations in fishes with particular reference to predation on salmon fry and contributions to the theory of fishing 3yr - 2nd Inst.	Individual	33,000	18
Larochelle, J. Biologie Laval	Mécanismes cellulaires de l'osmorégulation et énergétique de la thermorégulation et de la locomotion chez les animaux 3ans - 1er vers.	Individuelle	9,500	01
La Rochelle, P. Génie civil Laval	Propriétés fondamentales et comportement des argiles sensibles 3ans - 3ième vers.	Individuelle	36,234	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
La Roi, G.H. Botany Alberta	Complexity and stability of boreal ecosystems 3yr - 2nd Inst.	Individual	5,500	18
Larsen, J.M. INRS - Energie Québec-INRS	Confinement cinétique électrostatique magnétique d'un plasma (KEMP). Projet entrepris en collaboration avec B.C. Gregory et B.L. Stansfield 3ans - 3ième vers.	Individuelle	9,662	15
Larson, D.J. Biology Memorial	Biosystematics and community structure of Newfoundland aquatic insects. Taxonomy of dytiscidae.	Individual	2,000	18
Larson, D.W. Botany & Genetics Guelph	Physiological ecology of saxicolous cryptogams 3yr - 2nd Inst.	Individual	27,500	18
Larsson, S.O. School of Business Dalhousie	Estimation of location of means using Stein type estimator 3yr - 2nd Inst.	Individual	1,175	14
Larter, E.N. Plant Science Manitoba	Genetics of protein synthesis in triticale 3yr - 2nd Inst.	Individual	35,200	02
LaRue, B. Chimie - biologie Qué.-Trois-Riv	Régulation de l'assimilation de l'azote chez Anabaena flos-aquae 3ans - 1er vers.	Individuelle	12,000	02
Lascu, A. Math/statistique Montréal	Fibrés vectoriels algébriques et questions connexes 3ans - 3ième vers.	Individuelle	6,284	16
Lasenby, D.C. Biology Trent	* Principal investigator W.P.Adams(Trent) 3yr - 2nd Inst.	Group		18
Lashkari, R.S. Industrial Eng. Windsor	Economic design of x-charts for controlling non-normal process means 3yr - 3rd Inst.	Individual	8,093	20
Lassonde, M.C. Psychologie Qué.-Trois-Riv	Influences extrastrées sur les neurones du cortex visuel du chat 3ans - 3ième vers.	Individuelle	8,938	12
Last, W.M. Earth Sciences Manitoba	Sedimentology and post-glacial history of saline lakes in Saskatchewan	Individual	9,000	10
Latta, B.M. Physics Memorial	Electronic energy loss of heavy atoms 3yr - 1st Inst.		10,000	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Latto, E. Mechanical Eng. McMaster	Studies in thermo-fluids 1) Capsule transport 2) Turbulent diffusion 3) Urodynamics 4) Solar energy 3yr - 3rd Inst.	Individual	16,909	13
Lau, A.T.M. Mathematics Alberta	C*-subalgebras and subspaces of the regular representation 3yr - 1st Inst.	Individual	9,332	16
Lauber, J.K. Zoology Alberta	Photobiological effects on endocrine and growth parameters 3yr - 1st Inst.	Individual	18,000	01
Laufer, E.E. Mining/Metallurgy Tech Univ N.S.	Wear debris and surfaces 3yr - 2nd Inst.	Individual	9,350	04
Laurent, R. Géologie Laval	Géologie des complexes ophiolitiques des Appalaches du Québec 3ans - 3ième vers.	Individuelle	15,701	10
Lauriol, B.M.E. Géographie Sherbrooke	La couverture neigeuse de l'ungava entre 1967 et 1980	Individuelle	8,000	10
Lavers, J.D. Electrical Eng. Toronto	Modelling of electrometallurgical processes for purposes of scale-up	Individual	16,000	11
Lavigne, D.M. Zoology Guelph	Responses of some arctic homeotherms to variable energy (radiation and food) regimes 3yr - 3rd Inst.	Individual	15,188	01
Lavigne, P. INRS - Energie Québec-INRS	Synchronized high-energy laser pulses of variable duration at 10.6 um	Individuelle	11,490	15
Lavkulich, L.M. Soil Science British Columbia	Weathering in soils, pedogenesis and resource utilization 3yr - 3rd Inst.	Individual	32,611	03
Lavoie, J.L. Mathématiques Laval	Fonctions spéciales; dérivées d'ordre fractionnaire; inverses généralisées de matrice 3ans - 3ième vers.	Individuelle	3,143	16
Lavoie, J.M. Education physique Montréal	Influence de l'état des réserves énergétiques intra et extra- cellulaires sur la réponse métabolique et hormonale à l'exercice 2ans - 1er vers.	Individuelle	5,000	01
Lavoie, M. Sciences pures Québec-Rimouski	Approximation polynômiale généralisée et problème de la non-totalité 3ans - 3ième vers.	Individuelle	1,746	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee	
Nom Département Université	But de la subvention	Genre	Montant \$ Comité	
Law, A.G. Computer Science Regina	Thyroid modeling 3yr - 3rd Inst.	Individual	1,746	16
Law, J. Physics Guelph	Investigations in atomic and sub atomic physics 3yr - 2nd Inst.	Individual	14,553	15
Law, K. Pâtes et papiers Qué.-Trois-Riv	Utilisation du feuillage et des branches de l'arbre pour la fabrication de panneaux et la production de nourriture animale 3ans - 3ième vers.	Individuelle	11,154	04
Lawless, J.F. Statistics Waterloo	Topics in life distribution and regression methodology 3yr - 3rd Inst.	Individual	13,093	14
Lawrence, J.W. Pure Mathematics Waterloo	Ring theory 3yr - 2nd Inst.	Individual	8,470	16
Lawrence, P.D. Electrical Eng. British Columbia	Development of biomedical signal processing systems 3yr - 2nd Inst.	Individual	18,480	11
Lawruk, E. Mathematics McGill	Wiener-Hopf factorization 3yr - 2nd Inst.	Individual	7,516	16
Lawson, J.D. Computer Science Waterloo	Development of algorithms for stiff initial-value problems 3yr - 1st Inst.	Individual	20,000	07
Lawson, R.P.W. Electrical Eng. Alberta	1) Ion beam deposition of Alloy Films 2) 280 keV Ion Implantation Facility 3yr - 2nd Inst.	Individual	7,700	11
Lawton, D.C. Geology & Geophys. Calgary	Reflection seismic investigations of western Canadian coalfields	Individual	8,000	10
Layzell, D.E. Biology Queen's	Photosynthate use and nitrogen fixation in legumes 3yr - 1st Inst.		20,000	03
Leatherland, J.F. Zoology Guelph	Environmental regulation of endocrine activity in vertebrates 3yr - 3rd Inst.	Individual	22,543	01
Lebel, D. Biologie Sherbrooke	Structure et rôle de l'ATP diphosphohydrolase pancréatique 3ans - 1er vers.	Individuelle	13,000	02
Lebel, J. Océanographie Québec-Rimouski	Hydrogéochimie des estuaires	Individuelle	11,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Leblanc, A.J. Ingénierie Qué.-Trois-Riv	Monitoring ambulatorie du sportif et du travailleur 3ans - 1er vers.	Individuelle	7,400	11
Leblanc, A.R. Génie bio-méd. Montréal	* Chercheur principal R.A.L.Guardo(Ecole Polytech.) 3ans - 2ième vers.	Groupe		11
Le Blanc, M.A.R. Physics Ottawa	Behaviour of Type II superconductors, A.C. losses and vortex motion phenomena 3yr - 2nd Inst.	Individual	34,595	15
Leblanc, R.M. Chimie - biologie Qué.-Trois-Riv	Photophysique de la photosynthèse et de la vision 3ans - 2ième vers.	Individuelle	36,300	02
Le Blond, P.H. Oceanography British Columbia	Ocean waves and coastal oceanography 3yr - 1st Inst.	Individual	19,000	10
Lechelt, E. Psychology Alberta	Tactile temporal acuities and processing strategies in complex spatio-temporal patterns 3yr - 1st Inst.	Individual	6,600	12
Lechowicz, M.J. Biology McGill	Carbon uptake, carbon allocation, and plant fitness 3yr - 1st Inst.	Individual	19,000	18
Leclerc, G. Génie civil Ecole Polytech.	Lixiviation: contaminant des eaux souterraines 3ans - 1er vers.	Individuelle	8,500	06
Leclerc, J.G. [*] Géodésie/cartog. Laval	Détermination du champ gravifique d'un ellipsoïde à trois axes avec applications à la géodésie 3ans - 2ième vers.	Individuelle	7,260	06
Leclerc, M. INRS-Eau Québec-INRS	Développement et simulation d'un concept de renouvellement des eaux d'un lac 3ans - 3ième vers.	Individuelle	9,662	06
Leclerc, R. Psychology Ottawa	Aversive sign-tracking 3yr - 2nd Inst.	Individual	4,950	12
Lecours, M. Génie électrique Laval	1) Analyse de la parole 2) Systèmes de communication	Individuelle	4,400	11
L'Ecuyer, J. Physique Montréal	Physique nucléaire appliquée * avec C.J.J.Brassard, J.P.Martin(Montréal)	Groupe	39,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lederman, S.J. Psychology Queen's	Tactile processes, intersensory organization, and tactual graphics for the visually impaired 3yr - 2nd Inst.	Individual	16.940	12
Ledoux, M. Nutrition Montréal	* Chercheur principal G.R.Brisson(Qué.-Trois-Rivières) 3ans - 1er vers.	Groupe		01
LeDuy, A. Génie chimique Laval	Production microbienne de méthane à partir de l'énergie solaire 3ans - 3ième vers.	Individuelle	11.154	04
Lee, C.C. Chem & Chem Eng. Saskatchewan	Studies in organic reaction mechanisms 3yr - 3rd Inst.	Individual	40.219	05
Lee, C.I.C. Math/Statistics Memorial	Statistical inference, restricted and unrestricted 3yr - 1st Inst.	Individual	2.480	14
Lee, D.G. Chemistry Regina	Physical and chemical properties of tetraalkylammonium and phosphonium permanganates 3yr - 2nd Inst.	Individual	24.200	05
Lee, D.R. Biology Memorial	The cause of pressure potential changes in the phloem	Individual	6.000	03
Lee, D.R. Earth Sciences Waterloo	Groundwater contaminant-flux to surface waters	Individual	7.900	10
Lee, E.S. Elec Eng/Comp Sci Toronto	Computer systems research 3yr - 1st Inst.	Individual	15.000	07
Lee, J.H.S. Mechanical Eng. McGill	Combustion problems in energy research 3yr - 3rd Inst.	Individual	32.611	13
Lee, J.K.P. Physics McGill	Study of nuclei far from beta stability and support of a National Research Associate * with R.E.Bell, J.E.Crawford, J.E.Kitching, S.K.Mark, R.B.Moore(McGill)	Group	197.000	22
Lee, M. Household Econ. British Columbia	Effect of maternal alcohol consumption and undernutrition on fetal growth and development in rats 3yr - 1st Inst.	Individual	18.500	01
Lee, M.J.G. Physics Toronto	Electronic states in metals 3yr - 2nd Inst.	Individual	23.067	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lee, P.E. Biology Carleton	Virus/cell studies of insect-transmitted plant viruses and insect viruses 3yr - 2nd Inst.	Individual	25,300	02
Lee, P.M. Mechanical Eng. Lakeland	Aerodynamic structure of swirl flow and its applications	Individual	6,400	13
Lee, R.W. Biology Dalhousie	Organelle genetics in algae and higher plants 3yr - 2nd Inst.	Individual	17,600	02
Lee, V. Mechanical Eng. Ottawa	1) Post-dryout transient heat transfer 2) Turbulent heat transfer in asymmetric flows 3yr - 1st Inst.	Individual	22,500	13
Leech, J.W. Physics Waterloo	Motions in molecular solids 3yr - 3rd Inst.	Individual	9,541	15
Leeming, D.J. Mathematics Victoria	1) Reciprocal approximation; 2) Roots of the Bernoulli polynomials 3yr - 1st Inst.	Individual	2,444	16
Lee-Ruff, E. Chemistry York	Reactions of small ring organic compounds. Organic chemistry of superoxide	Individual	15,500	05
Lees, R.M. Physics New Brunswick	Microwave studies of molecular rotational spectra, collisional energy transfer and intermolecular interactions 3yr - 2nd Inst.	Individual	22,121	15
Leeson, S. Animal/Poultry Sc. Guelph	Breed differences in nutrient requirements of poultry 3yr - 3rd Inst.	Individual	13,286	01
Lefebvre, D.F. Génie civil Sherbrooke	Fatigue biaxiale oligocyclique des métaux 3ans - 3ième vers.	Individuelle	9,662	06
Lefebvre, G. Génie civil Sherbrooke	Etude des caractéristiques des argiles cimentées 3ans - 3ième vers.	Individuelle	13,286	10
Lefebvre, G.M. Physique Qué.-Trois-Riv	Etude sur la germination de la spore bactérielle 3ans - 2ième vers.	Individuelle	9,900	02
Lefebvre, L. Biologie McGill	Stratégies alimentaires du pigeon urbain 3ans - 1er vers.	Individuelle	9,000	01
Lefebvre, S. Génie électrique Ecole Polytech.	Impact de la transmission en courant continu		11,500	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Leffek, K.T. Chemistry Dalhousie	Mechanisms of reactions and deuterium isotope effects in organic chemistry 3yr - 2nd Inst.	Individual	17,600	05
Legault, J.A. Earth Sciences Waterloo	Palynostratigraphy of the Early Paleozoic of Canada	Individual	3,000	10
Legendre, L. Biologie Laval	Production primaire estuarienne: expérimentation écologique et analyse numérique 3ans - 2ième vers.	Individuelle	25,300	18
Legendre, P. Sciences biolog. Montréal	Succession spécifique dans un écosystème lacustre 3ans - 1er vers.	Individuelle	18,000	18
Leggett, W.C. Biology McGill	Density-dependent relationships in the ecology of larval fishes 3yr - 1st Inst.	Individual	45,000	18
Leggett, W.C. Biology McGill	* Principal investigator J.Kalff(McGill) 3yr - 3rd Inst.	Co-op		18
Legzdins, P. Chemistry British Columbia	Organometallic nitrosyl chemistry 3yr - 2nd Inst.	Individual	22,000	05
Lehmkuhl, D.M. Biology Saskatchewan	Ecology and taxonomy of aquatic insects in the western interior of Canada 3yr - 3rd Inst.	Individual	12,845	01
Lehn, W.H. Electrical Eng. Manitoba	The arctic mirage 3yr - 3rd Inst.	Individual	3,623	17
Le-Huy, H. Ingénierie Qué.-Trois-Riv	Etude de la commande par microprocesseur d'un système de production de l'énergie électrique par éolienne	Individuelle	8,600	11
Leibbrandt, G. Math/Statistics Guelph	1) Nonlinear evolution equations in higher dimensions 2) Higher-order calculations in quantum gravity 3yr - 2nd Inst.	Individual	12,100	15
Leichter, J. Home Economics British Columbia	Effect of oral contraceptive agents on folate metabolism. Nature of folates in foods 3yr - 3rd Inst.	Individual	12,960	01
Leighton, H.G. Meteorology McGill	Model studies of the transfer of solar radiation through the atmosphere	Individual	12,000	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lein, M.R. Biology Calgary	Studies in avian behavior and ecology 3yr - 3rd Inst.	Individual	10,870	18
Leipholtz, H.H.E. Civil Engineering Waterloo	Control and stability of structures, fracture and fatigue, soil mechanics 3yr - 2nd Inst.	Individual	28,600	06
Lejohn, H.B. Microbiology Manitoba	Biochemical genetics of microbial and mammalian cells in culture 3yr - 2nd Inst.	Individual	46,200	02
Le Lievre, B. Civil Engineering Waterloo	Holding capacity of marine anchors 3yr - 2nd Inst.	Individual	9,350	06
LeMaguer, M. Food Science Alberta	Migration of solutes during drying operations in foodstuffs 3yr - 2nd Inst.	Individual	11,550	04
Lemaire, S. Pharmacology Sherbrooke	Biological activity of neuropeptides and analogs. 1) Opioid peptides. 2) Other neuropeptides * with E.Belleau(McGill), S.A.St-Pierre(Sherbrooke)	Co-op	21,000	05
Lemaire, S. Pharmacology Sherbrooke	* Principal investigator S.A.St-Pierre(Sherbrooke)	Co-op		05
Lemaire, S. Pharmacology Sherbrooke	* Principal investigator E.Belleau(McGill)	Co-op		05
Le May, I. Mechanical Eng. Saskatchewan	Mechanical behavior - microstructure relations in metals 3yr - 2nd Inst.	Individual	29,150	04
Lemieux, G. Biochimie Laval	Etude des protéines ribosomiques et de leurs modifications post-transcriptionnelles au cours du cycle cellulaire et de la différenciation chez P. polycephalum 3ans - 3ième vers.	Individuelle	12,078	02
Lemieux, P.F. Génie civil Sherbrooke	Drainage urbain. Politique de rétention 3ans - 3ième vers.	Individuelle	9,662	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lemieux, R.U. Chemistry Alberta	Synthesis of human blood-group determinants for the preparation of artificial antigens and immunoadsorbents. The nature of antibody-carbohydrate antigen interactions 3yr - 3rd Inst.	Individual	102,663	05
Lemire, F.W. Mathematics Windsor	Representation theory of Lie algebras 3yr - 1st Inst.	Individual	3,499	16
Lemon, R.E. Biology McGill	Behavioral ecology of passerines 3yr - 3rd Inst.	Individual	26,288	01
Lenard, J.G. Mechanical Eng. New Brunswick	Metal forming operations 3yr - 3rd Inst.	Individual	16,909	13
Lenkinski, R. Chemistry Guelph	Lanthanide ion complexes of adriamycin and daunomycin	Individual	11,000	05
Lennox, W.C. Civil Engineering Waterloo	A study of random phenomena in civil engineering applications 3yr - 2nd Inst.	Individual	14,850	06
Lenz, A.C. Geology Western Ontario	Paleontology, paleoecology, biostratigraphy and stratigraphy of lower paleozoic of Northern and Arctic Canada 3yr - 1st Inst.	Individual	26,000	10
Lenzer, I. Psychology Saint Mary's	The importance of gestational timing in the fetal alcohol syndrome	Individual	5,000	12
Leonard, J.W. Chimie Laval	Polymérisations par voie ionique et études connexes 3ans - 1er vers.	Individuelle	11,000	05
Leon-Garcia, A. Electrical Eng. Toronto	Efficient data transmission and storage techniques	Individual	9,000	11
Lepage, Y. Math/statistique Montréal	Analyse non paramétrique des paramètres de location et de dispersion et de l'indépendance d'une série d'observations 3ans - 3ième vers.	Individuelle	3,933	14
Lepard, D.W. Physics Brock	Interacting molecular states 3yr - 2nd Inst.	Individual	1,870	15
Lepine, Y. Physique Montréal	Transitions de phase dans les quasi-unidimensionnels 3ans - 1er vers.	Individuelle	9,120	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lepock, J.R. Physics Waterloo	Physical studies of mammalian cell membranes 3yr - 1st Inst.	Individual	14,000	02
Lepore, F. Psychologie Montréal	Etudes comportementales et électrophysiologiques du transfert interhémisphérique de l'information visuelle 3ans - 3ième vers.	Individuelle	16,184	12
Lerbekmo, J.F. Geology Alberta	Magnetostratigraphic correlation of Upper Cretaceous to Paleocene sediments; deposition and diagenesis of the Basal Belly River Sandstone 3yr - 2nd Inst.	Individual	8,250	10
Leroueil, S. Génie civil Laval	Comportement général des argiles sensibles et ses applications pratiques	Individuelle	10,000	10
Le Roy, R.U. Chemistry Waterloo	Determination and implications of intermolecular forces, and models for chemical kinetics	Individual	25,000	05
Leslie, J.D. Physics Waterloo	Properties of layers for solar energy conversion 3yr - 2nd Inst.	Individual	13,200	15
Leslie, J.R. Physics Queen's	* Principal investigator W. McLatchie (Queen's)	Group		22
Lesperance, P.J. Géologie Montréal	Biostratigraphie de l'Ordovicien Supérieur au Dévonien Inférieur du Québec 3ans - 3ième vers.	Individuelle	19,929	10
Lessard, J. Chimie Sherbrooke	Réactions organiques à intermédiaires réactifs (radicaux, nitrènes, carbènes); réactions redox électrochimie, photochimie 3ans - 1er vers.	Individuelle	16,000	05
Lessard, L. Physique Montréal	Interactions faibles en physique nucléaire et le soutien d'un associé de recherche national * avec P.H.M. Depommier, H.A. Jeremie (Montréal)	Groupe	97,000	22
Lessard, L. Physique Montréal	* Chercheur principal P.H.M. Depommier (Montréal)	Coop		22
Lessard, R.A. Physique Laval	Interférométrie holographique - holographie incohérente, infrarouge et acoustique 3ans - 1er vers.	Individuelle	10,610	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lesser, E.H. Chemistry Calgary	Isolation and characterization of specific DNA binding nonhistone chromosomal proteins from mouse liver 3yr - 2nd Inst.	Individual	8,800	02
Lester, J.E. Astronomy Toronto	Quantitative spectroscopic studies of stellar atmospheres 3yr - 1st Inst.	Individual	10,000	17
Letourneau, J. Physique Montréal	Physique nucléaire théorique 3ans - 3ième vers.	Individuelle	25,364	15
Lett-Revusky, B.T. Psychology Memorial	Memory and long delay learning in animals 3yr - 2nd Inst.	Individual	17,600	12
Leung, C.H. Physics New Brunswick	1) Studies of defects in ionic crystals 2) Studies of multi- mode Jahn-Teller systems	Individual	6,000	15
Leung, L.W.S. Psychology Western Ontario	Behavioural modulation of the hippocampal CA1 region in the rat 3yr - 2nd Inst.		16,000	12
Leung-Yan-Cheong, C.S.K. Electrical Eng. British Columbia	Efficient and secure communication over noisy insecure channels	Individual	12,900	11
Leupin, M. Photogrammétrie Laval	Recherche en photogrammétrie numérique et cartographie automatisée 3ans - 3ième vers.	Individuelle	12,078	06
Leutheusser, H.J. Mechanical Eng. Toronto	Research in fluid mechanics 3yr - 3rd Inst.	Individual	20,533	13
Lever, A.B.P. Chemistry York	Bio-inorganic and energy conversion aspects of coordination chemistry	Individual	30,000	05
Levesque, C. Mathématiques Laval	Sur les unités de certains corps de nombres algébriques 3ans - 1er vers.	Individuelle	7,000	16
Levine, M.D. Electrical Eng. McGill	Computer perception and learning 2yr - 2nd Inst.	Individual	17,490	11
Levine, R.L. Biology McGill	Central nervous system regeneration in the lower vertebrates 3yr - 3rd Inst.	Individual	15,961	01
Levinson, A.A. Geology & Geophys. Calgary	Exploration and environmental geochemistry 3yr - 1st Inst.	Individual	11,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Levy, B.A. Psychology McMaster	Comprehension & reading 3yr - 3rd Inst.	Individual	17,513	12
Levy, M.R. Computer Science Victoria	The specification and management of software systems	Individual	8,000	07
Lewars, E.G. Chemistry Trent	Studies of potential heterocyclopropene precursors 3yr - 1st Inst.	Individual	10,500	05
Lewis, J.E. Geography McGill	Urban climate and land-cover: Surface energy exchange as a function of urban terrain characteristics	Individual	7,500	10
Lewis, J.E. Electrical Eng. New Brunswick	Microwave heating and guided wave studies 3yr - 1st Inst.	Individual	11,900	11
Lewis, J.E. Mathematics Alberta	Problems and applications of convexity 3yr - 2nd Inst.	Individual	2,967	16
Lewis, J.K.C. Physics Memorial	Collective effects in collision- induced light absorption and scattering 3yr - 1st Inst.	Individual	7,250	15
Lewis, N.A. Chemistry New Brunswick	The effect of environmental factors on redox reactions of mixed chelate compounds. Intervallence electron transfer through main group elements	Individual	11,000	05
Lewry, J.F. Geology Regina	Stratigraphic, sedimentary and structural investigations in the eastern La Ronge domain, western Churchill Province, northern Saskatchewan	Individual	11,000	10
Leznoff, C.C. Chemistry York	The use of polymer supports in organic synthesis	Individual	21,000	05
Lichtenberger, P.C. Eng. Physics McMaster	Development of quantitative techniques for surface analysis 3yr - 3rd Inst.	Individual	11,154	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lielmezs, J. Chemical Eng. British Columbia	1) Magnetic field effect on thermodynamic & transport properties of liquids 2) Magneto-catalytic & external magnetic field influence on chemical reaction rates 3) Fluid flow through freezing porous media 4) Thermodynamic & transport property prediction & calculation for gases and liquids 3yr - 3rd Inst.	Individual	34,102	04
Liley, N.R. Zoology British Columbia	1) Causation of behaviour in fish and birds 2) Evolution of behaviour in fish 3yr - 2nd Inst.	Individual	19,800	01
Lim, C.C. Physics Waterloo	Properties of materials at low temperatures 3yr - 1st Inst.	Individual	9,000	15
Lin, C.A. Physics Toronto	Scale interactions of atmospheric waves	Individual	10,000	17
Lin, C.S. Mathematics Saint Thomas	Normal approximate spectra in an algebra	Individual	306	16
Lin, C.S. Chemistry Windsor	1) Quantum mechanical studies of atom-molecule collisions 2) Theoretical studies of the exciplex	Individual	11,000	05
Lin, C.S. Mathematics Bishop's	Normal approximate spectra in an algebra 3yr - 1st Inst.	Individual	1,360	16
Lin, K.C. Civil Engineering New Brunswick	1) Environmental impact studies on the Saint John River basin 2) Arsenic removal in the well water supply at Harvey Station 3) Study of an anaerobic lagoon-filter-aerated lagoon system 3yr - 3rd Inst.	Individual	12,078	06
Lin, S. Mechanical Eng. Concordia	Transport phenomena and their applications 3yr - 3rd Inst.	Individual	14,494	13
Lind, N.C. Civil Engineering Waterloo	Strength and safety of structures 3yr - 3rd Inst.	Individual	43,481	06
Linders, J.G. Comp. & Info. Sc. Guelph	Data base methodology for spatial information systems	Individual	11,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lindsay, J.F. Electrical Eng. Concordia	Losses in thyristor-supplied motor drives 3yr - 2nd Inst.	Individual	10,670	11
Lindsey, C.C. Animal Res. Ecol. British Columbia	Adaptive significance of variation in fishes 3yr - 1st Inst.	Individual	39,000	18
Lingappaiah, G. Mathematics Concordia	Distribution theory with applications 3yr - 2nd Inst.	Individual	1,958	14
Link, S.W. Psychology McMaster	Relative judgment theory 3yr - 1st Inst.	Individual	28,500	12
Linton, C. Physics New Brunswick	Optical spectroscopy and laser induced fluorescence of diatomic molecules 3yr - 3rd Inst.	Individual	11,474	15
Lintz, R.G. Mathematics McMaster	Non deterministic mathematics and applications to physics 3yr - 1st Inst.	Individual	1,166	16
Lipshitz, S.P. Applied Math. Waterloo	Investigation of mathematical and electroacoustical problems in sound recording and reproduction 3yr - 1st Inst.	Individual	8,000	11
Liptrap, R.M. Biomed Sciences Guelph	Control of LH and testosterone in the pig	Individual	7,500	01
List, R. Physics Toronto	Precipitation physics (no overlap with AES application) 3yr - 2nd Inst.	Individual	44,000	17
Lister, M.W. Chemistry Toronto	Thermodynamics of ionic crystals 3yr - 3rd Inst.	Individual	9,541	05
Lit, J. Physics Wilfrid Laurier	Guided-wave optics 3yr - 3rd Inst.	Individual	15,219	15
Litherland, A.E. Physics Toronto	Nuclear physics research using ultrasensitive mass spectrometry 3yr - 1st Inst.	Individual	70,000	22
Little, J.G. Biology York	Thymine nucleotide metabolism and DNA replication in yeast 3yr - 1st Inst.	Individual	25,000	02
Little, W.D. Electrical Eng. Waterloo	Computer algorithms and applications	Individual	10,800	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Littlepage, J.L. Biology Victoria	Physiology and ecology of Orchomenopsis	Individual	3,000	18
Liu, C.F.A. Mathematics Alberta	Extremal problems in hypergraphs and geometry 3yr - 1st Inst.	Individual	1,944	16
Liu, H.J. Chemistry Alberta	1) Thiol esters in organic synthesis 2) Synthetic studies on terpenoids 3yr - 2nd Inst.	Individual	24,200	05
Liu, M.T.H. Chemistry P.E.I.	Diazirines, N-nitrosoamines, kinetics & mechanism 3yr - 1st Inst.	Individual	16,000	05
Liu, W.K. Physics Waterloo	Theory of relaxation and transport in gases and green function theory of chemisorption on surfaces 3yr - 1st Inst.		10,000	05
Liversage, R.A. Zoology Toronto	Limb and organ regeneration in vertebrates with emphasis on the wound repair, dedifferentiation, growth and differentiation phases 3yr - 2nd Inst.	Individual	35,404	01
Livesey, D.L. Physics New Brunswick	Nuclear and spectroscopic investigations of metalloenzymes * with G.R.Demille(NB). K.Mailer(St.Mary's) 3yr - 2nd Inst.	Group	9,900	15
Llamas, J. Génie civil Laval	Hydrologie des bassins nordiques 3ans - 3ième vers.	Individuelle	15,098	06
Llewellyn, E.J. Physics Saskatchewan	Atmospheric photochemistry from rockets, balloons and ground based measurements 3yr - 3rd Inst.	Individual	33,818	17
Llewellyn, E.J. Physics Saskatchewan	* Principal investigator G.G.Shepherd(York)	Co-op		17
Llewellyn, E.J. Physics Saskatchewan	* Principal investigator D.J.McEwen(Sask.) 3yr - 1st Inst.	Co-op		17
Llewellyn, E.J. Physics Saskatchewan	* Principal investigator C.D.Anger(Calgary)	Co-op		17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lo, K.V. Bio-Res. Eng. British Columbia	1) Network analysis of sludge treatment and disposal 2) A design program for biogas generation from animal manure 3yr - 3rd Inst.	Individual	10,870	06
Lc, K.Y. Civil Engineering Western Ontario	Thermal stresses and deformations in underground structures 3yr - 2nd Inst.	Individual	36,575	10
Lo, S.N. Pâtes et papiers Qué.-Trois-Riv	Traitement biologique de la liqueur résiduaire au bisulfite de sodium par des boues activées et utilisation des lignosulfonates récupérés de l'effluent 3ans - 1er vers.	Individuelle	13,400	04
Loader, C.E. Chemistry Memorial	* Principal investigator H.J.Anderson(Memorial) 3yr - 3rd Inst.	Group		05
Lobb, D.E. Physics Victoria	* Principal investigator L.P.Robertson(Victoria) 3yr - 2nd Inst.	Group		27
Lobban, C.S. Biology New Brunswick	Physiology of senescence in kelp	Individual	5,000	03
Lochovsky, F.H. Computer Science Toronto	Data base management systems	Individual	13,000	07
Lock, C.U.L. Chemistry McMaster	Studies of the inorganic chemistry of transition elements used in medicine 3yr - 1st Inst.	Individual	22,000	05
Lock, C.U.L. Chemistry McMaster	* Principal investigator R.F.Childs(McMaster)	Co-op		05
Locke, M. Zoology Western Ontario	Ultrastructural studies of developing cells 3yr - 2nd Inst.	Individual	35,200	02
Lockhart, R.A. Mathematics Simon Fraser	Programmable set operations; estimation in pulsed nuclear magnetic resonance models; estimation of reporting rates 3yr - 2nd Inst.	Individual	2,741	14
Lockhart, R.S. Psychology Toronto	Studies in thinking and remembering 3yr - 1st Inst.	Individual	18,500	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lodwick, G.D. Surveying Eng Calgary	Extension of a mathematical model for representing topographic terrain surfaces using digital LANDSAT data	Individual	9,000	06
Loewen, P.C. Microbiology Manitoba	1) Nucleotide sequence analysis of T7 DNA 2) Synthesis of the aminoacyl stem of yeast phenylalanine tRNA 3) Coenzyme A nucleotides in E. coli metabolism 3yr - 3rd Inst.	Individual	18,117	02
Logan, A. Geology New Brunswick	Sessile invertebrate communities of cryptic habitats, Caribbean and Bay of Fundy, and their paleoecological significance 3yr - 3rd Inst.	Individual	12,078	10
Logan, E.A. Physics Ottawa	1) Polarized photons, 2) Nuclear decays, 3) Fundamental processes	Individual	12,000	22
Logan, D.M. Biology York	Biochemical studies of neurotrophic regulation in animal model systems 3yr - 2nd Inst.	Individual	17,600	02
Logan, G.D. Psychology Toronto	Strategies in human cognition 3yr - 2nd Inst.		17,000	12
Logrippo, L. Computer Science Ottawa	Program design for reliable parallel programs in relation to the ada programming language and distributed systems	Individual	7,000	07
LoLordo, V.M. Psychology Dalhousie	Stimulus reinforcer interactions and selective association 3yr - 3rd Inst.	Individual	32,611	12
Loly, P.D. Physics Manitoba	Theoretical studies of phenomena in crystalline solids 3yr - 3rd Inst.	Individual	13,588	15
Lombos, E.A. Electrical Eng. Concordia	1) Low energy-gap semiconductors 2) Optoelectronic devices 3yr - 3rd Inst.	Individual	10,569	15
Long, B.F.N. INRS-Océanolog. Québec-INRS	Evolution sédimentologique et géomorphologique des estuaires de la côte nord du Golf du Saint-Laurent	Individuelle	7,500	10
Longstaffe, F.J. Geology Alberta	Physico-chemical investigations of water-rock interaction in low-temperature environments	Individual	11,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Longval, J.R. Génie Moncton	* Chercheur principal M.S.Eid(Moncton)	Groupe		04
Longworth, J. Civil Engineering Alberta	1) Behavior of masonry structures 2) Deflection behavior of composite beams 3) Production tests for finger joints in wood 3yr - 3rd Inst.	Individual	12,117	06
Loov, R.E. Civil Engineering Calgary	Optimum design of concrete structures 3yr - 3rd Inst.	Individual	13,286	06
Loov, R.E. Civil Engineering Calgary	* Principal investigator J.E.Hyne(Calgary) 3yr - 2nd Inst.	Co-op		21
Lorazo, B. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)	Coop		22
Lorch, L. Mathematics York	Ordinary differential equations; summability theory; special functions; complex analysis 3yr - 3rd Inst.	Individual	11,173	16
Lord, G.F. Mathématiques Laval	Graduation multidimensionnelle 3ans - 3ième vers.	Individuelle	2,125	14
Lorimer, J.W. Chemistry Western Ontario	Electrochemistry of membranes and surfaces 3yr - 3rd Inst.	Individual	8,334	05
Losey, G.D. Mathematics Manitoba	Augmentation quotients of finite groups 3yr - 3rd Inst.	Individual	6,284	16
Lott, J.N.A. Biology McMaster	Ultrastructure and physiological functions in plant cells 3yr - 2nd Inst.	Individual	23,760	03
Lougheed, E.C. Horticultural Sci. Guelph	Respiration, ethylene production, development and senescence of plants 3yr - 3rd Inst.	Individual	12,078	03
Loughton, B.G. Biology York	The physiology of the locust neuroendocrine system 3yr - 1st Inst.	Individual	14,000	01
Loulou, R.J. Aménagement McGill	Heuristic algorithms for the multi-partitioning minimization problem	Individuelle	7,000	20
Love, C.E. Business Admin. Simon Fraser	Resource allocation using transfer pricing	Individual	7,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Love, R.F. Faculty of Business McMaster	The development of models for simultaneous facility location and allocation 3yr - 3rd Inst.	Individual	18,842	20
Low, N.M.P. Ctre.-Build. Stud. Concordia	Fabrication of cellular-structure thermal insulation materials from recycled waste glass 3yr - 2nd Inst.	Individual	9,350	06
Lowe, D.G. Psychology Trent	Strategies, context and selective attention 3yr - 2nd Inst.	Individual	6,600	12
Lowe, L.E. Soil Science British Columbia	Organic matter studies on soils of British Columbia 3yr - 3rd Inst.	Individual	21,740	03
Lowe, R.P. Physics Western Ontario	Spectroscopic study of infrared astronomy, atmospheric composition and ion-molecule collisions 3yr - 3rd Inst.	Individual	12,078	17
Lowe, R.P. Physics Western Ontario	* Principal investigator W.H.Weihlau(Western Ontario) 3yr - 1st Inst.	Co-op		17
Lown, J.W. Chemistry Alberta	Synthetic and mechanistic research in the fields of heterocyclic and antibiotic chemistry 3yr - 1st Inst.	Individual	35,000	05
Lowther, D.A. Electrical Eng. McGill	* Principal investigator P.P.Silvester(McGill)	Group		11
Lozowski, E.P. Geography Alberta	Aircraft icing 3yr - 2nd Inst.	Individual	11,550	13
Lu, B.C.K. Botany & Genetics Guelph	Meiotic cell cycle and genetic recombination in Coprinus 3yr - 2nd Inst.	Individual	34,100	02
Lu, B.C.Y. Chemical Eng. Ottawa	Research in chemical engineering thermodynamics 3yr - 3rd Inst.	Individual	43,481	04
Lu, W.K. Metal/Mat. Science McMaster	Theoretical and experimental studies on physical chemistry and the transport phenomena in iron and steel making 3yr - 3rd Inst.	Individual	30,479	04
Luckman, B.H. Geography Western Ontario	Little ice age in Jasper National Park	Individual	12,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ludden, J.N. Géologie Montréal	Fine-scale evaluation of the petrogenesis and metallogenesis of igneous rocks from Archaean to recent terrains 3ans - 1er vers.	Individuelle	19,500	10
Ludgate, G.A. TRIUMF British Columbia	* Principal investigator D.A.Axen(B.C.)	Project		27
Ludvigsen, R. Geology Toronto	Lower paleozoic trilobite biostratigraphy 3yr - 1st Inst.	Individual	16,000	10
Ludwig, D.A. Mathematics British Columbia	Mathematical methods for resource management 3yr - 2nd Inst.	Individual	22,770	16
Ludwig, G. Mathematics Alberta	Exact solutions in general relativity 3yr - 1st Inst.	Individual	3,499	16
Luft, E. Mathematics British Columbia	Representation of the topological cobordism ring 3yr - 3rd Inst.	Individual	1,047	16
Luk, S.H. Geography Toronto	Spatial variability of soil loss within small areas	Individual	6,000	10
Luk, W.S. Computer Science Simon Fraser	1) Database design. 2) Query processing in distributed data bases	Individual	9,000	07
Luke, T.M. Phys./Appl. Math. Western Ontario	Photon absorption processes and atomic structure modelling 3yr - 2nd Inst.	Individual	1,650	15
Lumsden, J.H. Pathology Guelph	Neutrophil function in experimental and spontaneous diseases in animals 3yr - 1st Inst.	Individual	12,000	01
Lund, J.A.H. Metallurgical Eng. British Columbia	Powder metallurgy 3yr - 2nd Inst.	Individual	16,115	04
Lupker, S.J. Psychology Western Ontario	Automatic processing of pictures and words 3yr - 1st Inst.	Individual	10,000	12
Lushington, K.J. Chemistry McMaster	Studies in solid state chemistry and physics 3yr - 2nd Inst.		15,500	05
Luste, G. Physics Toronto	Project 76.02 * with R.K.Carnegie(Carleton)	Project	383,750	23

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Luus, R. Chemical Eng. Toronto	Identification and optimal control of engineering processes 3yr - 3rd Inst.	Individual	28,063	04
Lynch, B.M. Chemistry St. F. Xavier	Synthetic, analytical, & spectroscopic studies of natural mutagenic compounds & their precursors	Individual	5,000	05
Lynch, W.H.W. Biology New Brunswick	Effect of temperature on the function and metabolic activity of psychrotrophic <i>Pseudomonas fluorescens</i> 3yr - 3rd Inst.	Individual	12,076	02
Lynn, D.H. Zoology Guelph	Evolution of cell structures and DNA sequences in simple eukaryotes	Individual	12,000	02
Lyon, G.F. Physics Western Ontario	* Principal investigator P.A.Forsyth(Western Ontario)	Group		17
MacArthur, J.D. Physics Queen's	* Principal investigator W.McLatchie(Queen's)	Group		22
MacArthur, R.A. Zoology Manitoba	Aquatic thermoregulation and bioenergetics in the muskrat 3yr - 1st Inst.		14,000	01
MacCrimmon, H.R. Zoology Guelph	Environmental influences on taxonomy, ecology, behaviour, production and population structure of selected stream salmonids 3yr - 2nd Inst.	Individual	19,800	18
Macdonald, A.D. Biology Lakehead	Morphogenesis of vegetative and reproductive structures of Birch 3yr - 1st Inst.	Individual	11,000	03
Macdonald, D.G. Chem & Chem Eng. Saskatchewan	1) Removal of colour from pulp mill effluents using fly ash. 2) Physical and chemical treatment of aspen wood and straw to improve fermentability 3yr - 3rd Inst.	Individual	9,946	04
Macdonald, I.F. Chemical Eng. Waterloo	1) Flow in porous media and interfacial phenomena 2) Constitutive relations and time-dependent nonlinear flow behaviour of complex materials	Individual	10,000	04
Macdonald, J.A. TRIUMF British Columbia	* Principal investigator A.Olin(Victoria)	Project		27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
MacDonald, J.L. Mathematics British Columbia	Categorical shape theory, embeddings and operations 3yr - 3rd Inst.	Individual	4,190	16
MacDonald, J.R. Physics Guelph	Interactions of ions with solids 3yr - 1st Inst.	Individual	28,810	15
Macdonald, P.D.M. Mathematical Sci. McMaster	Stochastic models with biostatistical applications 3yr - 2nd Inst.	Individual	7,599	14
MacDonald, R.D. Biology Calgary	Genetics and molecular biology of infectious pancreatic necrosis virus including persistent infection 3yr - 1st Inst.	Individual	21,000	02
MacDougall, J.A. Math/Comp Science P.E.I.	* Principal investigator L.G.Sweet(P.E.I.) 3yr - 1st Inst.	Group		16
MacDougall, J.D. Physical Education McMaster	An investigation of hypertrophy vs. hyperplasia in work induced enlargement of skeletal muscle	Individual	9,000	01
MacDougall, J.W. Electrical Eng. Western Ontario	* Principal investigator P.A.Forsyth(Western Ontario)	Group		17
MacDougall, J.W. Electrical Eng. Western Ontario	Cleft campaign travel and workshops * with G.G.Shepherd, R.A.Koehler(York),D.J.McEwen, J.A.R.Koehler(Sask.),P.A.Forsyth, J.A.Fulford(Western Ontario), T.Watanabe(B.C.)	Co-op	19,000	17
MacDougall, J.W. Electrical Eng. Western Ontario	* Principal investigator G.Rostoker(Alberta)	Co-op		17
MacEwen, G.H. Comp. & Info. Sc. Queen's	The structure of operating systems	Individual	15,300	07
MacGibbon-Taylor, K.B. Mathematics Concordia	Statistics and analytic sets 3yr - 1st Inst.	Individual	3,560	14
MacGregor, J.F. Chemical Eng. McMaster	1) Computer control of chemical processes and mineral processing operations 2) Statistical methodology for the solution of chemical engineering problems 3yr - 1st Inst.	Individual	20,400	04
MacGregor, J.G. Civil Engineering Alberta	Safety and stability of concrete structures 3yr - 3rd Inst.	Individual	47,104	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Machin, J. Zoology Toronto	Water, electrolyte and energy relations of animals 3yr - 2nd Inst.	Individual	29,700	01
Machin, K.E. Mechanical Eng. New Brunswick	1) Dynamic stresses in bars and plates 2) Fracture studies 3yr - 2nd Inst.	Individual	12,650	13
MacInnis, C. Civil Engineering Windsor	1) Air content of hardened concrete using image analysis 2) Durability studies of concrete 3) Creep studies of concrete 3yr - 2nd Inst.	Individual	16,500	06
Mackauer, J.P.M. Biolog. Sciences Simon Fraser	Quantitative assessment of biological control agents and procedures 3yr - 3rd Inst.	Individual	33,818	18
Mackay, A.L. Physics British Columbia	Application of nuclear magnetic resonance techniques to biological problems 3yr - 2nd Inst.		15,000	02
Mackay, D. Chemistry Waterloo	Cycloaddition reactions with unsaturated derivatives of nitrogen 3yr - 2nd Inst.	Individual	11,000	05
Mackay, D. Chem Eng/App Chem Toronto	Studies of phase equilibria and transport processes in the environment 3yr - 2nd Inst.	Individual	16,500	04
Mackay, J.R. Geography British Columbia	Origin of permafrost and ground ice, Western Arctic, and alpine permafrost in B.C. 3yr - 3rd Inst.	Individual	32,973	10
MacKay, P.A. Entomology Manitoba	The ecology and physiology of variation among individuals in animal populations 3yr - 3rd Inst.	Individual	13,286	18
MacKay, R.J. Statistics Waterloo	Experimental design in simple life testing problems 3yr - 2nd Inst.	Individual	2,508	14
Mackay, R.J. Zoology Toronto	Ecology of aquatic insects in perturbed rivers 3yr - 1st Inst.	Individual	14,000	18
Mackay, W.C. Zoology Alberta	Comparative and environmental physiology of aquatic organisms 3yr - 3rd Inst.	Individual	11,788	01
MacKenzie, I.K. Physics Guelph	Positrons in condensed matter 3yr - 1st Inst.	Individual	33,630	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mackey, M.C. Physiology McGill	Oscillation and chaos in physiological control systems * with L.M.Glass(McGill) 3yr - 3rd Inst.	Group	13,932	01
Macki, J.W. Mathematics Alberta	Nonlinear problems in differential equations and control 3yr - 2nd Inst.	Individual	7,627	16
Mackie, G.L. Zoology Guelph	Use of life history information for measuring population density and water quality 3yr - 2nd Inst.	Individual	7,700	18
Mackie, G.D. Biology Victoria	Physiology of excitable epithelia 3yr - 3rd Inst.	Individual	46,289	01
MacKinnon, J.C. Bio-Resources Tech Univ N.S.	Energy-flow models of plant and animal production systems 3yr - 2nd Inst.	Individual	16,500	18
Mackworth, A.K. Computer Science British Columbia	Computer-based image understanding 3yr - 1st Inst.	Individual	33,000	07
MacLachlan, G.A. Biology McGill	B-Glucan metabolism in growing plant tissue 3yr - 2nd Inst.	Individual	59,400	03
MacLachlan, R.R. Mining Eng. McGill	Evaluation of blast fragmentation 3yr - 3rd Inst.	Individual	9,662	06
MacLachy, C.S. Physics Acadia	Langmuir probes and flame diagnostics 3yr - 2nd Inst.	Individual	5,500	15
MacLean, D.B. Chemistry McMaster	Structural and synthetic studies in natural products chemistry. Fragmentation of organic molecules on electron impact 3yr - 3rd Inst.	Individual	46,862	05
MacLean, L.C. Business Admin. Dalhousie	Chance constrained programming 3yr - 1st Inst.	Individual	1,400	16
MacLean, W.H. Geological Sciences McGill	Geology and origin of the ore deposits at Matagami, Quebec	Individual	10,000	10
MacLeod, C.M. Psychology Toronto	Savings for pictorial information in long-term memory 3yr - 2nd Inst.	Individual	7,700	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
MacLeod, D.R. Civil Engineering Carleton	1) Pavement recycling in northern climates 2) Pavement management systems for roads in isolated areas 3yr - 2nd Inst.	Individual	9,350	06
MacLeod, G.K. Animal/Poultry Sc. Guelph	Improving efficiency of protein utilization by ruminants 3yr - 3rd Inst.	Individual	16,909	01
MacLeod, I.A. Comp. & Info. Sc. Queen's	Interactive system design	Individual	7,556	07
MacLeod, I.A. Math, Stat & Comp Sc Dalhousie	Interactive system design 3yr - 1st Inst.	Individual	7,444	07
MacLeod, R.A. Microbiology Macdonald Coll.	Comparative biochemistry of marine and terrestrial bacteria 3yr - 3rd Inst.	Individual	48,312	02
MacMillan, L.W. Math/Comp Science Brandon	Quantum mechanics of impurity scattering in a periodic medium 3yr - 3rd Inst.	Individual	1,047	16
MacNeill, B.H. Environ. Biology Guelph	1) Studies in plant viruses 2) Genetics of plant pathogens 3yr - 1st Inst.	Individual	17,000	03
MacNeill, I.E. Stat. & Actuar. Sc Western Ontario	Statistical inference for stochastic processes 3yr - 1st Inst.	Individual	9,995	14
MacPhee, R.H. Electrical Eng. Waterloo	Electromagnetic scattering by prolate spheroids and at waveguide junctions 3yr - 1st Inst.	Individual	26,900	11
MacQueen, R.W. Earth Sciences Waterloo	Paleozoic carbonate/shale suites, Western Canada: Nature, origin, mineralization; Ontario Paleozoic carbonate/shale studies	Individual	15,000	10
MacRae, N.D. Geology Western Ontario	Geochemistry of crustal fusion processes	Individual	8,000	10
MacRae, T.H. Biology Dalhousie	The regulation of microtubule assembly 3yr - 1st Inst.	Individual	12,000	02
Madan, M.P. Physics P.E.I.	Thermodynamic, dielectric and related properties of solids and liquids 3yr - 3rd Inst.	Individual	9,904	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Madore, B.F. Astronomy Toronto	Structure and evolution of near- by galaxies 3yr - 1st Inst.	Individual	17,000	17
Madsen, B. Civil Engineering British Columbia	Structural behaviour of timber 3yr - 2nd Inst.	Individual	27,500	06
Madugula, M.K.S. Civil Engineering Windsor	Cold-formed steel transmission structures 3yr - 2nd Inst.	Individual	10,450	06
Maeba, P.Y. Microbiology Manitoba	Biochemical studies in the differentiating procaryote, Myxococcus xanthus 3yr - 3rd Inst.	Individual	18,117	02
Magalhaes, L.E. Civil Engineering Manitoba	Investigations on a bed-load formula for shale sediment 3yr - 3rd Inst.	Individual	9,662	06
Magazine, M.J. Management Sciences Waterloo	Heuristics for industrial engineering problems 3yr - 2nd Inst.	Individual	23,100	20
Magnenat-Thalmann, N. Méth. quant. gest. Montréal	Conception et implantation de systèmes d'information graphiques	Individuelle	12,000	07
Magnin, E.N. Sciences biolog. Montréal	Recherches limnologiques dans les Laurentides et sur le territoire de la Baie James	Individuelle	12,000	18
Mah, P.F. Mathematical Sci. Lakehead	Analysis 3yr - 3rd Inst.	Individual	1,746	16
Mah, S.Q. Physique Montréal	Collective scattering of laser light by micro-instabilities	Individuelle	10,130	15
Mahmoud, S. Systems Eng. Carleton	Distributed processing systems over land and mobile communications networks 3yr - 1st Inst.	Individual	18,000	07
Mahrt, J.L. Zoology Alberta	Investigations on protozoan parasites of birds and reptiles 3yr - 1st Inst.	Individual	12,000	01
Maibaum, T.S.E. Computer Science Waterloo	Applications of algebra & model theory to the theory of data types, programming languages and to the analysis & development of message oriented programming	Individual	14,500	07
Mailer, C. Physics New Brunswick	Time domain saturation transfer electron paramagnetic resonance 3yr - 2nd Inst.	Individual	10,861	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mailer, K. Physics Saint Mary's	* Principal investigator D.L.Livesey(N.B.) 3yr - 2nd Inst.	Group		15
Maire, A.R. Chimie - biologie Qué.-Trois-Riv	Synécologie des zones humides à larves de moustiques 3ans - 2ième vers.		11,000	18
Majithia, J. Electrical Eng. Waterloo	Computer communication networks, computer architectures 3yr - 3rd Inst.	Individual	22,948	07
Majumdar, S.R. Math/Statistics Calgary	1) Theoretical studies of interactions of particles in viscous fluid. 2) Studies in stability of liquid menisci. 3) Mathematical study of the pairing theory 3yr - 2nd Inst.	Individual	11,273	16
Mak, H.B. Physics Queen's	Nuclear structure research 3yr - 2nd Inst.		11,000	22
Mak, S. Biology McMaster	Regulation of gene functions in virus infected & transformed mammalian cells 3yr - 3rd Inst.	Individual	42,273	02
Makkai, M. Mathematics McGill	Model theory of infinitary languages with applications in algebra and categories 3yr - 3rd Inst.	Individual	24,440	16
Malcolm, J.D. Fac of Engineering Memorial	Behaviour of crude oil under sea ice 3yr - 3rd Inst.	Individual	10,508	13
Malcolm, M.A. Computer Science Waterloo	Portable system software 3yr - 3rd Inst.	Individual	27,658	07
Male, D.H. Mechanical Eng. Saskatchewan	Thermodynamics of snowmelt 3yr - 2nd Inst.	Individual	19,800	13
Malewski, R. Génie électrique Ecole Polytechn.	Propriétés de mesure du diviseur de tension 5.4 MV pendant des essais de choc sur des appareils à grandes dimensions physiques 3ans - 3ième vers.	Individuelle	9,349	11
Malhotra, S.K. Civil Engineering Tech Univ N.S.	1) Ultimate strength theory for timber structures 2) Strength of timber members subjected to combined axial & flexural loads 3) Behaviour of nailed timber connections under creep and cyclic loads 3yr - 2nd Inst.	Individual	14,300	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Malhotra, S.K. Biolog. Sciences Alberta	Organization of cellular membranes 3yr - 1st Inst.	Individual	25,000	02
Malik, H.J. Math/Statistics Guelph	Some problems in life distributions: Life testing and reliability 3yr - 1st Inst.	Individual	2,770	14
Malik, M.A. Mathematics Concordia	Extremal properties of polynomial 3yr - 1st Inst.	Individual	1,666	16
Malik, N.H. Electrical Eng. Western Ontario	Gaseous dielectrics for high voltage equipment	Individual	12,200	11
Malik, O.F. Electrical Eng. Calgary	Electrical power systems- simulation, operational behaviour, control and protection 3yr - 3rd Inst.	Individual	23,190	11
Mallet, V.N. Chimie Moncton	Méthodes de dosage d'aminocarb et de ses dérivés dans l'environnement: analyse, dégradation, conservation des échantillons 3ans - 3ième vers.	Individuelle	11,353	05
Malli, G.L. Chemistry Simon Fraser	Effect of relativity on chemical bonding and geometry of molecules	Individual	12,000	05
Malloch, D. Botany Toronto	Studies of selected fungi as potential ectomycorrhizal symbionts with forest trees * with J.A.Fortin(Laval) 3yr - 1st Inst.	Co-op	20,000	03
Malloch, D.W. Botany Toronto	Mycorrhizal associations in the boreal forest region of Canada 3yr - 3rd Inst.	Individual	20,533	03
Mallory, F.F. Biology Wilfrid Laurier	Genetic and phenotypic changes in fluctuating lemming populations 3yr - 2nd Inst.	Individual	8,800	18
Malowany, A.S. Electrical Eng. McGill	Computer graphics color display systems 3yr - 2nd Inst.	Individual	7,480	11
Malpas, J.G. Geology Memorial	1) Investigation of ophiolitic and related rocks and comparison to oceanic crust 2) Petrogenesis of Labrador Kimberlites 3yr - 2nd Inst.	Individual	22,825	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Malsbury, C.W. Psychology Memorial	Neuroendocrine control of maternal responsiveness 3yr - 1st Inst.	Individual	17,000	12
Maly, E.J. Biology Concordia	Niche breadth in zooplankton populations 3yr - 3rd Inst.	Individual	14,494	18
Malzan, J. Mathematics Toronto	Lie groups, coxeter groups 3yr - 1st Inst.	Individual	2,722	16
Mamet, E.L. Géologie Montréal	Microfaciès carbonatés de Paléozoïque; microfaune et microflore 3ans - 3ième vers.	Individuelle	32,611	10
Mamet, M.D. Biochemistry Montréal	Mechanism of action of alkylating agents on T7 phage 3yr - 2nd Inst.	Individual	17,600	02
Manchester, F.D. Physics Toronto	The physics of metal-hydrogen systems 3yr - 2nd Inst.	Individual	19,822	15
Mandarino, J.A. Geology Toronto	Assessment of the compatibility of mineralogical data	Individual	8,000	10
Manitius, A. Centre de rech math Montréal	Théorie du contrôle optimal des systèmes héréditaires 3ans - 3ième vers.	Individuelle	18,665	16
Manley, R.S.J. Chemistry McGill	The molecular morphology of crystalline polymers 3yr - 1st Inst.	Individual	26,000	05
Mann, K.H. Biology Dalhousie	Marine macrophytes and the food chains based on them 3yr - 1st Inst.	Individual	20,000	18
Mann, R.S. Chemical Eng. Ottawa	Catalytic conversion of hydrocarbons, coal and wood 3yr - 1st Inst.	Individual	24,000	04
Manning, E.G. Computer Science Waterloo	Distributed processing 3yr - 1st Inst.	Individual	31,600	07
Manning, P.N. Architecture Tech Univ N.S.	The process of building design observed	Individual	10,000	06
Manocha, M.M.S. Biolog. Sciences Brock	Host specificity and cell surface interactions in host- parasite relations 3yr - 3rd Inst.	Individual	18,117	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Manohar, R.P. Mathematics Saskatchewan	Problems in computational fluid mechanics 3yr - 3rd Inst.	Individual	1,746	16
Manoogian, A. Physics Ottawa	Electron spin resonance of paramagnetic impurity ions in solids 3yr - 1st Inst.	Individual	16,480	15
Manson, A.H. Physics Saskatchewan	Atmospheric wave motions and energetics 3yr - 3rd Inst.	Individual	38,046	17
Manson, A.H. Physics Saskatchewan	* Principal investigator D.U.McEwen(Sask.) 3yr - 1st Inst.	Co-op		17
Mar, T. Biochimie Montréal	Study of the mechanism of energy trapping and storage in photosynthesis	Individuelle	8,000	02
Marble, A.E. Electrical Eng. Tech Univ N.S.	1) Digital signal processing of biophysical data 2) Energy distribution in the cardiovascular system 3yr - 2nd Inst.	Individual	19,910	11
March, B.E. Poultry Science British Columbia	A) Fats and fat-soluble vitamins in poultry nutrition b) Interrelationships between diet and thyroid 3yr - 3rd Inst.	Individual	36,023	01
March, R.E. Chemistry Trent	Quadrupole ion storage mass spectrometry	Individual	9,000	05
Marchand, P.D. Physique Laval	Emission photonique et formation de métastables des gaz excités par impact d'électrons	Individuelle	11,480	15
Marche, C. Génie civil Ecole Polytech.	Simulation mathématique de l'équilibre des masses d'eau de différentes densités ou températures en estuaire 3ans - 2ième vers.	Individuelle	13,200	06
Marchessault, R.H. Chimie Montréal	Heterophase structure of polymers	Individuelle	25,000	05
Marchildon, L. Physique Qué.-Trois-Riv	Tachyons dans un champ gravitationnel et permittivité dynamique critique 3ans - 1er vers.	Individuelle	4,000	15
Margaritis, A. Chem./Biochem. Eng Western Ontario	The use of immobilized microbial cells for continuous production of ethanol 2yr - 1st Inst.	Individual	13,400	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Margolis, B. Physics McGill	Theoretical high energy nuclear and particle physics 3yr - 2nd Inst.	Individual	33,000	15
Mark, D.M. Geography Western Ontario	Topology and geometry of deranged drainage networks	Individual	6,199	10
Mark, J.W. Electrical Eng. Waterloo	Data compression, signal processing and computer communication 3yr - 1st Inst.	Individual	20,600	11
Mark, S.K. Physics McGill	* Principal investigator J.K.P.Lee(McGill)	Group		22
Marlborough, J.M. Astronomy Western Ontario	The kinematical and dynamical structure and the evolution of matter in circumstellar envelopes 3yr - 3rd Inst.	Individual	16,909	17
Marley, A.A.U. Psychology McGill	Random psychophysical and decision processes 3yr - 3rd Inst.	Individual	3,623	12
Marmet, P. Physique Laval	Mesure des structures atomiques et moléculaires par impact électronique sur les gaz 3ans - 3ième vers.	Individuelle	45,896	15
Marmurek, H.H.C. Psychology Guelph	Identification units in visual word processing 3yr - 2nd Inst.	Individual	7,150	12
Marquardt, R.R. Animal Science Manitoba	Nutritional (niacin) regulation of protein and metabolite turnover in animal tissues 3yr - 3rd Inst.	Individual	29,434	01
Marsden, D.J. Mechanical Eng. Alberta	Airfoil studies and sailplane performance 3yr - 1st Inst.	Individual	13,000	13
Marsden, J.C. Biology McGill	Neurobiology of adult and larval polychaetes 3yr - 1st Inst.	Individual	14,700	01
Marsh, C. Ctre.-Build. Stud. Concordia	Control of seismic response by friction devices / Performance criteria for sandwich panels / Structural metal components 8yr - 2nd Inst.	Individual	12,100	06
Marshall, A.W. Mathematics British Columbia	Reliability theory 3yr - 2nd Inst.	Individual	20,460	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Marshall, B.P. Mathematics McGill	Estimates of solutions of wave-type equations 3yr - 2nd Inst.		5,300	16
Marshall, G.R. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia)	Group		07
Marshall, H. Chemistry Saskatchewan	Elemental analysis of refractory materials by neutron activation	Individual	11,000	05
Marshall, J.S. Meteorology McGill	Thunderstorm life histories by radar 3yr - 2nd Inst.	Individual	7,150	17
Marshall, M.A. Mathematics Saskatchewan	Quadratic form theory 3yr - 1st Inst.	Individual	6,500	16
Marshall, W.D. Agricultural Chem. Macdonald Coll.	Fate of ethylenethiourea residues in fresh and prepared foods 3yr - 3rd Inst.	Individual	19,325	03
Marsland, T.A. Computer Science Alberta	Studies in distributed processing and computer chess 3yr - 1st Inst.	Individual	17,000	07
Marsot, P. INRS-Océanolog. Québec-INRS	Etude du comportement nutritif chez les copépodes	Individuelle	7,000	01
Marsters, G.F. Mechanical Eng. Queen's	Study of jet mixing in several configurations 3yr - 1st Inst.	Individual	18,500	13
Martel, A.J.S. Opér./syst. de déc Laval	Programmation séparable, réseaux convexes et programmation probabiliste	Individuelle	8,000	07
Martel, J.G. INRS - Energie Québec-INRS	Effets des neutrons et des ions sur les matériaux 3ans - 3ième vers.	Individuelle	10,145	15
Martell, D.L. Faculty of Forestry Toronto	Development of forest fire management decision-making aids 3yr - 3rd Inst.	Individual	13,286	20
Marteniuk, R.G. Kinesiology Waterloo	The learning of serial order in discrete movements 3yr - 1st Inst.	Individual	10,000	12
Martens, G.O. Electrical Eng. Manitoba	Digital signal processing and digital filters 3yr - 1st Inst.	Individual	7,800	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Martignole, J. Géologie Montréal	Recherches pétrologiques dans le sud de la province tectonique de Grenville (Québec) 3ans - 2ième vers.	Individuelle	9,350	10
Martin, A.M. Biochemistry Memorial	Utilization of peat as fermentation substrate 3yr - 1st Inst.	Individual	10,000	21
Martin, F. INRS - Energie Québec-INRS	Scattering of probe radiation by plasma turbulence in CO2 laser produced plasmas	Individuelle	10,790	15
Martin, G.M. Psychology Memorial	Food cue use in birds 3yr - 2nd Inst.	Individual	9,900	12
Martin, H.R. Mechanical Eng. Waterloo	Development and characteristics of fluid power components 3yr - 2nd Inst.	Individual	14,850	13
Martin, J.C. Génie industriel Ecole Polytech.	Le transfert de technologie des grands centres de recherche du secteur privé et public (y compris universitaire) vers les PME manufacturières au Québec 2ans - 1er vers.	Individuelle	10,000	20
Martin, J.P. Physique Montréal	* Chercheur principal P.H.Depommier(Montréal)	Projet		27
Martin, J.P. Physique Montréal	* Chercheur principal P.H.Depommier(Montréal)	Projet		27
Martin, J.P. Physique Montréal	* Chercheur principal J.L'Ecuyer(Montréal)	Groupe		22
Martin, J.P. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)	Coop		22
Martin, J.R. Mathematics Saskatchewan	Retracts and fixed point sets 3yr - 1st Inst.	Individual	7,000	16
Martin, J.S. Chemistry Alberta	Low energy interactions by NMR 3yr - 3rd Inst.	Individual	10,145	05
Martin, P.G. Astronomy Toronto	Interstellar dust and gas 3yr - 2nd Inst.	Individual	28,600	17
Martin, P.W. Physics British Columbia	Angular correlation studies 3yr - 3rd Inst.	Individual	12,078	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Martin, R.F. Geological Sciences McGill	Magmatic and metasomatic processes in the genesis of "igneous" rocks 3yr - 3rd Inst.	Individual	22,948	10
Martin, S.M. Biology Mt. St. Vincent	Chronic diazepam ingestion, cold exposure and body temperature regulation	Individual	6,000	01
Martin, W.W. Mechanical Eng. Toronto	Unsteady flow applications 3yr - 3rd Inst.	Individual	14,494	13
Martini, I.P. Land Resource Sc Guelph	Quantitative studies of clastic sediments and rocks 3yr - 1st Inst.	Individual	18,500	10
Martin-Sanchez, J.M. Chemical Eng. Alberta	Adaptive process control and computer control 3yr - 1st Inst.		10,000	04
Marton, J.P. Eng. Physics McMaster	Electrical and optical properties of thin films	Individual	6,500	15
Masliyah, J.H. Chemical Eng. Alberta	Heat transfer in twisted tubes; Mass transfer; distillation; gravity settling 3yr - 2nd Inst.	Individual	19,250	04
Maslowe, S.A. Mathematics McGill	Stability, nonlinear wave motion and transition of shear flows 3yr - 3rd Inst.	Individual	16,381	16
Mason, G.R. Physics Victoria	IEP-63 - Measurement of atomic and nuclear properties by mesonic X-ray techniques	Project	7,000	27
Mason, G.R. Physics Victoria	* Principal investigator L.P.Robertson(Victoria)	Project		27
Mason, G.R. Physics Victoria	* Principal investigator G.A.Beer(Victoria)	Project		27
Mason, G.R. Physics Victoria	* Principal investigator G.A.Beer(Victoria)	Project		27
Mason, G.R. Math/Statistics New Brunswick	Rings and near-rings 3yr - 1st Inst.	Individual	3,222	16
Mason, G.R. Physics Victoria	* Principal investigator L.P.Robertson(Victoria) 3yr - 2nd Inst.	Group		27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee	
Nom Département Université	But de la subvention	Genre	Montant \$ Comité	
Mason, J.L. Electrical Eng. Queen's	Signal processing for guided radar and auditory prosthetics	Individual	9,200	11
Mason, L.G. INRS-Télécomm. Québec-INRS	Optimal modernization of telecommunications networks	Individual	8,000	11
Mason, R.E.A. Comp. & Info. Sc. Guelph	Research in application development systems * with T.T.Carey(Guelph)	Group	15,000	07
Mason, S.G. Chemistry McGill	Fundamental studies in surface and dispersion chemistry	Individual	35,000	05
Masny, S.E. Surveying Eng New Brunswick	Digital mapping using raster data 3yr - 1st Inst.	Individual	14,000	06
Masse, J.C. Mathématiques Laval	Propriétés limites des suites d'éléments aléatoires 3ans - 3ième vers.	Individuelle	1,543	14
Masse, R. INRS-Santé Québec-INRS	Analyse des stéroïdes endogènes par chromatographie en phase gazeuse (GLC-capillaire) et spectrométrie de masse chez l'humain et le rat: application à l'hypertension	Individuelle	11,000	05
Masson, C.R. Mining/Metallurgy Tech Univ N.S.	Transport of sulphur in slags	Individual	15,100	04
Masson, M.E.J. Psychology Victoria	Cognitive processes in rapid reading of text 3yr - 1st Inst.	Individual	7,500	12
Massoud, M. Mechanical Eng. Sherbrooke	Fiabilité des signaux de bruit pour le diagnostic de l'état de la machinerie (machinery health measurements) 3yr - 1st Inst.	Individual	11,000	13
Masui, Y. Zoology Toronto	Chromosome condensation cycle in oocytes 3yr - 2nd Inst.	Individual	26,400	02
Mates, J.W.B. Psychology Dalhousie	Nonmammalian eye movements: chameleon saccades 3yr - 3rd Inst.	Individual	6,522	12
Mathai, A.M. Mathematics McGill	Exact null and non-null distributions of test statistics 3yr - 2nd Inst.	Individual	10,498	14
Mather, A.E. Chemical Eng. Alberta	Thermodynamic properties of fluids under pressure 3yr - 3rd Inst.	Individual	15,985	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mather, J.A. Psychology Western Ontario	Oculomotor control in relatives of schizophrenics 3yr - 2nd Inst.		11,000	12
Matheson, A.T. Biochem./Microbiol. Victoria	Structure and function of ribosomes 3yr - 1st Inst.	Individual	45,000	02
Mathews, R.W. Biolog. Sciences Simon Fraser	Late-quaternary vegetation and environmental changes in British Columbia 3yr - 1st Inst.	Individual	16,000	10
Mathews, J.F. Chem & Chem Eng. Saskatchewan	Lower olefins and aromatics from synthesis gas via Fischer- Tropsch-type synthesis 3yr - 1st Inst.	Individual	10,400	04
Mathews, T. Physics Calgary	Studies in lower atmosphere and in cosmic rays 3yr - 2nd Inst.	Individual	12,100	17
Mathews, W.H. Geological Sciences British Columbia	Sedimentology, geomorphology, and Cenozoic geochronology in southern British Columbia 3yr - 3rd Inst.	Individual	15,943	10
Mathieu, P.A. Génie bio-méd. Montréal	* Chercheur principal R.A.L.Guardo(Ecole Polytech.) 3ans - 2ième vers.	Groupe		11
Mathon, R.A. Computer Science Toronto	1) Numerical methods for inverse boundary value problems 2) Combinatorial algorithms 3yr - 3rd Inst.	Individual	16,909	07
Mathur, R.M. Electrical Eng. Manitoba	Optimization of electric power transmission efficiency 3yr - 2nd Inst.	Individual	14,410	11
Matsumoto, H. Physics Alberta	Superconductivity and anti- ferromagnetism in rare earth ternary compounds 3yr - 2nd Inst.	Individual	8,800	15
Matthews, D.E. Statistics Waterloo	Probabilistic problems in computer science 3yr - 2nd Inst.	Individual	2,750	07
Matthews, M.L. Psychology Guelph	Chronometric analysis of face perception 3yr - 3rd Inst.	Individual	7,126	12
Matton, P. Biologie Sherbrooke	Détermination des critères d'atrésie folliculaire dans l'ovaire de bovin	Individuelle	8,000	01
Matwin, S.J. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia)	Group		07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Matyas, E.L. Civil Engineering Waterloo	Settlement of a strip foundation on layered soils 3yr - 1st Inst.	Individual	9,000	06
Maurer, D.J. Psychology McMaster	Visual processing in infants 3yr - 2nd Inst.	Individual	22,990	12
Mavaddat, F. Computer Science Waterloo	Automating the design of microprocessor - based systems	Individual	8,000	07
Mavinic, D.S. Civil Engineering British Columbia	1) Continued leachate treatability studies & metal sludge disposal 2) Continuing studies on cold-temperature, domestic sludge treatment/disposal 3yr - 2nd Inst.	Individual	15,400	06
Maxie, M.G. Pathology Guelph	Monocyte kinetics in normal and pneumonic calves 3yr - 3rd Inst.	Individual	8,455	01
Maxwell, G. Mathematics British Columbia	Crystallographic groups 3yr - 3rd Inst.	Individual	1,570	16
May, A.D. Physics Toronto	Light scattering in gases 3yr - 3rd Inst.	Individual	27,937	15
May, R.W. Geology Alberta	1) Lithology and genesis of Quaternary deposits 2) Application of statistical methods to the analysis of geological data	Individual	9,000	10
May, S.J.M. Math/Statistics Memorial	A measure of nearness for subjective probability functions 3yr - 3rd Inst.	Individual	2,268	14
Maycock, P.F. Botany Toronto	Ecological studies of the vegetation of central eastern Canada 3yr - 2nd Inst.	Individual	8,800	18
Mayfield, C.I. Biology Waterloo	Activities of microorganisms in soils and associated with plants 3yr - 2nd Inst.	Individual	18,700	03
Mayo, J.M. Botany Alberta	Cold hardiness and water relations of evergreen species and guard cell mechanisms in <i>Paphiopedilum</i> spp.	Individual	6,600	03
Maze, J.R. Botany British Columbia	Analysis of variation in natural populations of conifers 3yr - 1st Inst.	Individual	12,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McAlduff, E.J. Chemistry St. F. Xavier	Photoelectron spectroscopy of organic molecules 3yr - 2nd Inst.	Individual	11,000	05
McAndrews, J.H. Botany Toronto	Palaeo-plant ecology 3yr - 2nd Inst.	Individual	16,500	18
McAuley, A. Chemistry Victoria	Mechanisms of inorganic reactions	Individual	25,000	05
McBean, E.A. Civil Engineering Waterloo	Similitude criteria in the modelling of transfer mechanisms in environmental engineering 3yr - 1st Inst.	Individual	16,000	06
McBride, B.C. Microbiology British Columbia	Microbial metabolism of arsenicals 3yr - 2nd Inst.	Individual	15,400	02
McBride, R.P. Biology Dalhousie	Pathology of marine algae	Individual	4,500	18
McBride-Warren, P.A. Chemistry Waterloo	Structural flexibility and catalytic stability of b- lactamase I 3yr - 2nd Inst.	Individual	9,900	02
McBryde, W.A.E. Chemistry Waterloo	Reactions of metal ions in solution 3yr - 2nd Inst.	Individual	12,100	05
McCalla, D.R. Biochemistry McMaster	Mode of action of radiomimetic chemicals: Enzymatic activation of nitrofurans derivatives 3yr - 3rd Inst.	Individual	30,195	02
McCamis, R.H. Physics Manitoba	Scattering of protons from light nuclei 3yr - 1st Inst.		10,000	22
McCammond, D. Mechanical Eng. Toronto	Crack growth, fracture and design with fibre reinforced plastics 3yr - 2nd Inst.	Individual	15,400	04
McCandless, E.L. Biology McMaster	Studies on carrageenans in plant and animal systems 3yr - 3rd Inst.	Individual	32,611	02
McCann, S.B. Geography McMaster	Morphology, sediments and dynamics of the shore zone 3yr - 3rd Inst.	Individual	22,948	10
McCarthy, D. Math/Comp Science Brandon	Computational methods for combinatorial designs and symmetrizable matrices	Individual	5,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McCaughey, J.H. Geography Queen's	Measurement and estimation of radiation and energy balance components for forested and logged surfaces 3yr - 3rd Inst.	Individual	10,266	10
McCauley, R.W. Biology Wilfrid Laurier	Changes in temperature preference of fish in response to acclimation temperature 3yr - 2nd Inst.	Individual	5,500	01
McClean, R.J. Adm. Studies York	An integration and evaluation of organizational communication and information systems	Individual	6,000	20
McClelland, R.A. Chemistry Toronto	Studies of organic reactions and equilibria 3yr - 2nd Inst.	Individual	22,000	05
McClung, R.E.D. Chemistry Alberta	Molecular motion, chemical exchange and spectral bandshapes in liquids	Individual	22,000	05
McClure, J.P. Math./Astronomy Manitoba	1) Automatic continuity 2) Application of distributions to asymptotics 3yr - 3rd Inst.	Individual	3,143	16
McComber, P. Sc. appliquées Qué-Chicoutimi	* Chercheur principal L.C.Phan(Qué.-Chicoutimi) 3ans - 1er vers.	Groupe		11
McConkey, J.W. Physics Windsor	Investigation of electron and photon collision phenomena in atoms and molecules 3yr - 3rd Inst.	Individual	44,447	15
McConnell, J.C. Physics York	Studies of earth and planetary atmospheres 3yr - 2nd Inst.	Individual	18,700	17
McConnell, J.C. Physics York	* Principal investigator C.D.Anger(Calgary)	Co-op		17
McConnell, J.C. Physics York	* Principal investigator G.G.Shepherd(York)	Co-op		17
McCool, J. Mathematics Toronto	The automorphism group of a free group 3yr - 1st Inst.	Individual	4,666	16
McCormack, P.D. Psychology Carleton	Age invariance in the processing of the fundamental attributes of memory 3yr - 1st Inst.	Individual	6,000	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McCorquodale, J.A. Civil Engineering Windsor	Municipal hydraulics and shore protection 3yr - 2nd Inst.	Individual	22,000	06
McCourt, F.R.W. Chemistry Waterloo	Molecular collisions and gas phase transport and relaxation phenomena	Individual	18,000	05
McCrindle, R. Chemistry Guelph	1) Chelating polydentate ligands containing the neopentyl moiety 2) Structures and reactions of their complexes	Individual	16,000	05
McCullough, J.J. Chemistry McMaster	Photochemistry of nitriles and photochemical transient intermediates 3yr - 2nd Inst.	Individual	16,500	05
McCully, M.E. Biology Carleton	Histology and histochemistry of plant tissues 3yr - 3rd Inst.	Individual	36,234	03
McCurdy, H.D. Biology Windsor	Biology of higher myxobacterales and blue green algae 3yr - 3rd Inst.	Individual	14,494	02
McCutcheon, W.H. Physics British Columbia	Millimetre wave astronomical spectroscopy 3yr - 2nd Inst.	Individual	14,300	17
McDonald, D.G. Biology McMaster	Acid-base and ion regulation in fish, amphibians and marine invertebrates 3yr - 2nd Inst.		16,000	01
McDonald, D.R. Mathematics Ottawa	Optimal non-linear filtering	Individual	2,800	14
McDonald, J.F. Mathematics Windsor	A population-genetics model and its application to fish populations 3yr - 1st Inst.	Individual	4,000	18
McDonald, R.S. Chemistry Mt. St. Vincent	Thiol-assisted amide hydrolysis: catalysis by imidazole 3yr - 2nd Inst.	Individual	8,580	05
McDonald, T.W. Mechanical Eng. Windsor	Multi phase heat transfer 3yr - 3rd Inst.	Individual	13,286	13
McDonald, W.J. Physics Alberta	* Principal investigator G.A.Moss(Alberta)	Project		27
McDonald, W.J. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McDonald, W.J. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
McDonald, W.J. Physics Alberta	* Principal investigator W.T.H.Van Oers(Manitoba)	Project		27
McDonald, W.J. Physics Alberta	* Principal investigator G.Roy(Alberta)	Project		27
McDonald, W.J. Physics Alberta	* Principal investigator J.M.Cameron(Alberta)	Project		27
McDonald, W.J. Physics Alberta	* Principal investigator D.M.Sheppard(Alberta)	Group		22
McDonald, W.J. Physics Alberta	* Principal investigator G.Roy(Alberta) 3yr - 2nd Inst.	Co-op		27
McDonnell, P.M. Psychology New Brunswick	Motor skill development and laterality in infancy 3yr - 3rd Inst.	Individual	10,870	12
McDowell, C.A. Chemistry British Columbia	Studies in chemical physics 3yr - 3rd Inst.	Individual	73,676	05
McDowell, K.P. Mathematics Wilfrid Laurier	Equational investigations of semilattices of semigroups 3yr - 1st Inst.	Individual	1,500	16
McDunnough, P. Statistics Toronto	Transform methods in statistics and inference in time series 3yr - 1st Inst.	Individual	5,060	14
McEachran, R.P. Physics York	Theoretical studies in atomic and molecular structure and collisions 3yr - 2nd Inst.	Individual	19,360	15
McEwen, D.J. Physics Saskatchewan	Auroral particles and emissions 3yr - 3rd Inst.	Individual	30,195	17
McEwen, D.J. Physics Saskatchewan	Institute of space and atmospheric studies * with J.B.Gregory,J.A.Koehler, E.J.Llewellyn,A.H.Manson, R.Montalbetti,K.V.Paulson, G.J.Sofko(Sask.) 3yr - 1st Inst.	Co-op	54,000	17
McEwen, D.J. Physics Saskatchewan	* Principal investigator J.W.MacDougall(Western Ontario)	Co-op		17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McEwen, D.J. Physics Saskatchewan	* Principal investigator G.Rostoker(Alberta)	Co-op		17
McEwen, D.J. Physics Saskatchewan	* Principal investigator C.D.Anger(Calgary)	Co-op		17
McEwen, F.L. Environ. Biology Guelph	Ecology of the onion maggot, Hylemya antiqua (Meig.)	Individual	10,000	18
McFarlane, J.E. Entomology Macdonald Coll.	Physiology of growth and reproduction in the house cricket 3yr - 2nd Inst.	Individual	19,800	01
McGarvey, B.R. Chemistry Windsor	ESR and NMR of transition and rare earth compounds 3yr - 2nd Inst.	Individual	33,000	05
McGill, W.B. Soil Science Alberta	Mechanisms controlling soil organic matter turnover 3yr - 1st Inst.	Individual	10,000	03
McGlinchey, M.J. Chemistry McMaster	PI-complexes of early transition metals	Individual	19,000	05
McGowan, C. Zoology Toronto	Functional anatomy and phylogenetic relationship within selected vertebrates, recent and fossil 3yr - 3rd Inst.	Individual	13,286	10
McGowan, J.W. Physics Western Ontario	Problems in chemical physics 3yr - 1st Inst.	Individual	46,280	15
McGugan, A. Geology & Geophys. Calgary	1) Cretaceous micropaleontology 2) Pennsylvanian/permian stratigraphy	Individual	9,000	10
McIntosh, J.M. Chemistry Windsor	Synthetic methods for the construction of complex molecules 3yr - 2nd Inst.	Individual	22,000	05
McIntyre, D.C. Psychology Carleton	Kindling: interlimbic relationships 3yr - 2nd Inst.	Individual	20,240	12
McIntyre, G. Mécanique Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 2ième vers.	Groupe		13
McIver, S.B. Zoology Toronto	Temporal distribution of mosquitoes in a temperate forest 3yr - 2nd Inst.	Individual	12,100	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McKay, J. Computer Science Concordia	Development of computational methods in abstract algebra 3yr - 3rd Inst.	Individual	17,457	16
McKee, J.S.C. Physics Manitoba	Proton and deuteron induced reactions, and X-ray studies and support of a 'National' Research Associate	Individual	108,000	22
McKeen, W.E. Plant Science Western Ontario	Root rot control and fungal host-parasite relations	Individual	8,000	03
McKellar, R.J. Math/Comp Science Laurentian	Relativistic gauge field theories 3yr - 1st Inst.	Individual	1,666	16
McKeon, D.G.C. Applied Math. Western Ontario	Investigations in perturbative quantum chromodynamics 3yr - 2nd Inst.		11,000	15
McKeown, E.A. Biolog. Sciences Simon Fraser	The actions and control of secretion of salmonid pituitary hormones 3yr - 1st Inst.	Individual	24,000	01
McKercher, R.B. Soil Science Saskatchewan	Investigations on organic phosphorus in soils 3yr - 1st Inst.	Individual	14,000	03
McKersie, E.D. Crop Science Guelph	Effects of environmental stress on the structural and functional properties of plant membranes 3yr - 3rd Inst.	Individual	12,078	02
McKinnon, D.M. Chemistry Manitoba	Studies in the synthesis and properties of heterocyclic sulfur compounds, precursors and derivatives 3yr - 1st Inst.	Individual	10,000	05
McKinnon, G.M. Mechanical Eng. Concordia	Hydraulic and pneumatic research related to motion and other cueing systems for flight simulators	Individual	8,750	13
McKyes, E. Agric. Eng. Macdonald Coll.	1) Physical and hydraulic model of soils for plant growth 2) Relative tillage by different tools 3yr - 2nd Inst.	Individual	16,500	21
McLane, P.J. Electrical Eng. Queen's	Signals and systems for digital communications and radar 3yr - 3rd Inst.	Individual	18,359	11
McLaren, I.A. Biology Dalhousie	Population and evolutionary ecology of animals 3yr - 3rd Inst.	Individual	31,403	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McLaren, R.A. Astronomy Toronto	Infrared astronomy 3yr - 1st Inst.	Individual	17,000	17
McLatchie, W. Physics Queen's	Nuclear structure studies and applied nuclear techniques * with H.C.Evans,G.T.Ewan, A.Henrikson,J.R.Leslie, J.D.MacArthur,E.C.Robertson, P.J.Scanlon(Queen's)	Group	173,000	22
McLaughlin, J.D. Biology Concordia	Studies on the taxonomy, pathogenesis and transmission ecology of waterfowl helminths 3yr - 1st Inst.	Individual	12,000	01
McLaughlin, J.D. Surveying Eng New Brunswick	Design of multi-purpose land information systems 3yr - 2nd Inst.	Individual	13,200	06
McLean, A. Metal/Mat. Science Toronto	Physical chemistry & process metallurgy of iron and steelmaking, Ferro-alloy production and arc welding 3yr - 2nd Inst.	Individual	26,950	04
McLean, D.D. Chemical Eng. Ottawa	Modelling of catalytic reaction kinetics 3yr - 3rd Inst.	Individual	8,738	04
McLean, J.A. Forestry British Columbia	Studies of forest insects in B.C. with special reference to defining mineral profiles of insects and their application in studies of nutrition, nutrient cycling and dispersal 3yr - 1st Inst.	Individual	12,100	01
McLean, S. Chemistry Toronto	Structural, synthetic and mechanistic studies	Individual	12,000	05
McLeish, D.L. Mathematics Alberta	Applications of statistics 3yr - 2nd Inst.	Individual	14,181	14
McLelland, J.E. Mathematics Acadia	Quantum logic 3yr - 1st Inst.	Individual	1,000	16
McLenaghan, R.G. Applied Math. Waterloo	General relativity and differential geometry 3yr - 3rd Inst.	Individual	7,492	16
McLeod, A.I. Mathematics Western Ontario	Topics in time series and stochastic hydrology 3yr - 2nd Inst.	Individual	3,291	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
M'Closkey, R.T. Biology Windsor	Geographical ecology of small mammals 3yr - 1st Inst.	Individual	20,000	18
McMahon, B.R. Biology Calgary	Respiratory and circulatory physiology of decapod crustacea and fishes. Responses to activity, environmental variability and their control systems 3yr - 3rd Inst.	Individual	17,857	01
McMahon, T.B. Chemistry New Brunswick	Ion cyclotron resonance studies of ion molecule phenomena 3yr - 2nd Inst.	Individual	22,000	05
McMaster, G.E. Math/Comp Science Brandon	Algorithms for solving systems of band linear and Toeplitz equation systems. The numerical solution of the Poisson differential equation 3yr - 2nd Inst.	Individual	2,750	07
McMillan, A.F. Chemical Eng. Tech Univ N.S.	Dispersion and kinetics of pollutants in coastal waters 3yr - 3rd Inst.	Individual	9,946	04
McMillan, D.B. Zoology Western Ontario	Studies in comparative histology and ultrastructure 3yr - 2nd Inst.	Individual	14,300	01
McMillan, I. Animal/Poultry Sc. Guelph	Effect of selection on genetic parameters 3yr - 1st Inst.	Individual	5,000	18
McMullen, A.E. Civil Engineering Calgary	1) Torsion, shear, flexure interaction in prestressed concrete 2) Over-reinforced concrete beams in torsion 3yr - 1st Inst.	Individual	13,500	06
McNeice, G.M. Civil Engineering Waterloo	Application of the finite element method to research in solid mechanics and orthopaedic biomechanics 3yr - 3rd Inst.	Individual	18,117	13
McNeil, J.N. Biologie Laval	Biotic and abiotic factors regulating the distribution and population levels of <i>Thymelicus lineola</i> (Ochs. Lepidoptera Hesperidae) 3ans - 3ième vers.	Individuelle	24,156	18
McNeill, K.G. Physics Toronto	Photoneutron experiments	Individual	11,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McNulty, J.A. Psychology Dalhousie	Human hearing underwater: perception, orientation, and navigation 3yr - 2nd Inst.	Individual	7,150	12
McNutt, R.H. Geology McMaster	Rb/Sr isotopic studies in metamorphic terrains; Sr isotopic studies in the Andes and Himalayas	Individual	9,500	10
McQueen, D.J. Biology York	A components approach to the study of competition involving both spider and zooplankton populations 3yr - 2nd Inst.	Individual	22,000	18
McQueen, H.J. Mechanical Eng. Concordia	Hot working characteristics of single phase and precipitate bearing austenitic alloys 3yr - 2nd Inst.	Individual	12,650	04
McQuitty, J.B. Agric. Eng. Alberta	Floor heat losses in livestock housing 3yr - 2nd Inst.	Individual	7,700	04
McVetty, P.E.E. Plant Science Manitoba	Varietal development and improvement in fababeans (Vicia faba) and soybeans (Glycine max) 3yr - 1st Inst.	Individual	12,000	03
Meadowcroft, T.R. Metal/Mat. Science Toronto	Tundish metallurgy 3yr - 3rd Inst.	Individual	7,531	04
Meagher, E.P. Geological Sciences British Columbia	Chemical bonding and crystal chemical studies of minerals 3yr - 1st Inst.	Individual	22,000	10
Measday, D.F. Physics British Columbia	IEP-9 - TINA Group: Gamma-Ray Studies at TRIUMF * with M.D.Hasinoff, J.M.A.Poutissou, M.Salomon(B.C.)	Project	33,000	27
Measday, D.F. Physics British Columbia	* Principal investigator M.D.Hasinoff(B.C.)	Project		27
Measures, R.M. Aerospace Studies Toronto	Study of laser interactions based on resonance saturation and applications	Individual	23,460	15
Meath, W.J.E. Chemistry Western Ontario	Intermolecular forces; stationary state and time- dependent properties 3yr - 1st Inst.	Individual	31,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Medioli, F.S. Geology Dalhousie	Foraminiferal distribution in coastal and inland marine water and its importance in the study of eustatic sealevel changes 3yr - 2nd Inst.	Individual	13,750	10
Meech, J.A. Mining Eng. Queen's	Application of sodium sulphide as a depressant in sulphide flotation 3yr - 3rd Inst.	Individual	8,738	04
Meek, D.S. Computer Science Manitoba	Forms of discretization errors which reflect observable numerical errors 3yr - 2nd Inst.	Individual	11,220	07
Meerovitch, E. Parasitology Macdonald Coll.	Experimental parasitology (Institute Grant) 3yr - 2nd Inst.	Individual	30,800	01
Meerovitch, E. Parasitology Macdonald Coll.	Experimental parasitology 3yr - 3rd Inst.	Individual	30,974	01
Megaw, W.J. Physics York	Inhibition of condensation of water on man-made particles 3yr - 2nd Inst.	Individual	18,744	15
Mehra, K.L. Mathematics Alberta	Nonparametric testing, estimation and related procedures for linear models 3yr - 3rd Inst.	Individual	9,908	14
Mehra, M.C. Chemistry Moncton	Homogeneous phase and ligand exchange reactions in analytical determinations 3yr - 3rd Inst.	Individual	10,145	05
Meiering, A.G. Engineering Guelph	Recovery of suspended solids from liquid food processing byproducts 3yr - 2nd Inst.	Individual	11,550	04
Meinertzhagen, I.A. Psychology Dalhousie	Neural pathways and neurogenesis in the insect visual system 3yr - 3rd Inst.	Individual	14,862	01
Meir, A. Mathematics Alberta	Random channel networks; Spline approximation 3yr - 2nd Inst.	Individual	13,564	16
Meisen, A. Chemical Eng. British Columbia	Supercritical fluid extraction, high temperature aerosol collection, ambient air data analysis, fluidized bed claus process 3yr - 2nd Inst.	Individual	16,115	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mekler, A.H. Mathematics Simon Fraser	Applications of model theory and set theory to algebra 3yr - 2nd Inst.		5,300	16
Melanson, R. Chimie Qué-Montréal	* Chercheur principal F.D.Rochon(Qué.-Montréal) 3ans - 2ième vers.	Groupe		05
Mellors, A. Chemistry Guelph	Membrane enzymes in cell activation 3yr - 1st Inst.	Individual	20,000	02
Melzack, R. Psychology McGill	Studies of pain mechanisms 3yr - 2nd Inst.	Individual	63,140	12
Melzak, Z.A. Mathematics British Columbia	1) Clustering 2) History of early computation 3yr - 2nd Inst.	Individual	11,880	16
Menard, H. Chimie Sherbrooke	Techniques analytiques pas voie électrochimique et chromatographique	Individuelle	13,000	05
Mendelsohn, E. Mathematics Toronto	Combinatorial designs and arrays 3yr - 1st Inst.	Individual	7,000	16
Mendelsohn, N.S. Mathematics Manitoba	Construction and algebraic theory of combinatorial designs; algorithms for proofs 3yr - 2nd Inst.	Individual	25,431	16
Mendelson, M.J. Psychology McGill	Infants' perception of auditory-visual events	Individual	12,500	12
Mendelson, A.O. Computer Science Toronto	Relational database theory	Individual	10,000	07
Mendes de Sousa, A.C. Mechanical Eng. New Brunswick	Design and manufacture of a two wavelength, long path difference interferometer to be used as a benchmarking for numerical models and techniques	Individual	6,500	13
Meneley, D.A. Eng. Physics McMaster	1) Development of fast neutron dosimeters 2) Process simulation by microcomputer networks 3) Optimization of fuel mgmt. strategies 4) Refinement of neutron dynamics method 3yr - 1st Inst.	Individual	7,400	04
Meng, C.H. Forestry Eng. New Brunswick	Methods for predicting logging machine productivity 3yr - 1st Inst.	Individual	10,000	20

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Menig-Peterson, C. Psychology Memorial	Children's development of the linguistic representation of causal and temporal relationships 3yr - 1st Inst.	Individual	11,000	12
Menipaz, E. Management Sciences Calgary	1) Maintenance systems--theory and application of operating policies 2) The design of optimal manufacturing quality control systems 3yr - 3rd Inst.	Individual	26,572	20
Menon, A.K. Computer Science Concordia	Computer recognition of spoken digits and symbols	Individual	3,000	07
Menon, T.K. Geophys./Astron. British Columbia	Structure of radio sources and their optical identification	Individual	11,000	17
Menon, T.K. Geophys./Astron. British Columbia	* Principal investigator G.A.H.Walker(E.C.) 3yr - 1st Inst.	Co-op		17
Menzies, J. Geography Brock	The mechanics of subglacial sedimentation	Individual	9,000	10
Menzies, R.W. Electrical Eng. Manitoba	1) Design optimization of low speed alternators 2) Forced commutated HVDC terminals 3yr - 2nd Inst.	Individual	9,900	11
Menzinger, M. Chemistry Toronto	1) Studies in reaction dynamics 2) Relaxation kinetics to far-from-equilibrium states	Individual	17,500	05
Mercer, A.M. Math/Statistics Guelph	Investigation of biorthogonal expansions and of special function inequalities 3yr - 2nd Inst.	Individual	1,100	16
Mercier, A. Sciences pures Qué-Chicoutimi	Etude de fonctions arithmétiques 3ans - 3ième vers.	Individuelle	1,047	16
Merer, A.J. Chemistry British Columbia	High resolution molecular electronic spectroscopy of gases	Individual	36,000	05
Mereu, R.F. Geophysics Western Ontario	Deep and shallow seismic sounding research 3yr - 1st Inst.	Individual	34,000	10
Merikle, P.M. Psychology Waterloo	The limits of nonattended information processing 3yr - 2nd Inst.	Individual	14,190	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mermelstein, P. INRS-Télécom. Québec-INRS	Effects of band-passed quantization noise on the quality and intelligibility of speech 3ans - 3ième vers.	Individuelle	12,078	11
Merrett, T.H. Computer Science McGill	Database implementation and applications to Information Systems	Individual	9,000	07
Methot, J.C. Génie chimique Laval	Simulation mathématique des conditions de ventilation en usine 3ans - 1er vers.	Individuelle	7,900	04
Methven, I.R. Forest Resources New Brunswick	Pattern, reproductive ecology and stability in upland black spruce stands	Individual	6,000	18
Mettrick, D.F. Zoology Toronto	Studies in helminth physiology 3yr - 3rd Inst.	Individual	51,627	01
Meubus, P.A.L. Sc. appliquées Qué-Chicoutimi	Réactions gaz-solides à haute température; effets photochimiques; diagnostics en plasmas; applications 3ans - 2ième vers.	Individuelle	15,400	04
Mewhort, D.J.K. Psychology Queen's	Studies in visual information processing 3yr - 3rd Inst.	Individual	13,769	12
Meyer, J. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 1st Inst.	Group		15
Meyerhof, G.G. Civil Engineering Tech Univ N.S.	Bearing capacity of foundations in layered soils 3yr - 3rd Inst.	Individual	54,351	06
Mezey, P.G. Chem & Chem Eng. Saskatchewan	Quantum chemical studies on conformational changes and chemical reactions	Individual	18,500	05
Miall, A.D. Geology Toronto	Basin analysis of clastic sedimentary rocks	Individual	15,000	10
Miceli, D. Psychologie Qué.-Trois-Riv	Les substrats neuroanatomiques impliqués dans la transfert interhémisphérique des informations visuelles 3ans - 1er vers.	Individuelle	11,000	12
Michaud, G.J. Physique Montréal	Abondance et origine des éléments 3ans - 3ième vers.	Individuelle	28,987	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Michel, E. Génie civil Laval	Mécanique des glaces 3ans - 3ième vers.	Individuelle	36,234	10
Michener, G.R. Biology Sciences Lethbridge	Social behaviour of Richardson's ground squirrels 3yr - 2nd Inst.		11,000	18
Micko, M.M. Agric. Eng. Alberta	Variation of anatomical and physical properties of white spruce and lodgepole pine grown in Alberta	Individual	10,000	04
Middleton, A.G. Computer Science Memorial	Higher-level languages	Individual	8,000	07
Middleton, A.L.A. Zoology Guelph	Population studies of the American goldfinch and other passerine species 3yr - 3rd Inst.	Individual	12,078	18
Middleton, G.V. Geology McMaster	Field and experimental studies of clastic sediments 3yr - 3rd Inst.	Individual	30,195	10
Midgley, G.C. Psychology Western Ontario	Plasticity of the rodent's visual system: A neuroanatomical and behavioral approach 3yr - 2nd Inst.		11,500	12
Miers, C.R. Mathematics Victoria	Investigations of the Lie algebra of derivations of an operator algebra 3yr - 3rd Inst.	Individual	3,143	16
Migneron, R. Applied Math. Western Ontario	Studies in 1) Hadronization at low transverse momentum; 2) Perturbative quantum chromodynamics; 3) Grand unified theories 3yr - 1st Inst.	Individual	3,000	15
Mihichuk, L.M. Chemistry Regina	Synthesis of cobalt-arsenic sigma bonded complexes	Individual	11,000	05
Mikaelian, H.H. Psychology New Brunswick	Orientation specific achromatic after effects 3yr - 2nd Inst.	Individual	7,260	12
Miketinac, M.J. Mathematics Saskatchewan	Numerical solution of some free boundary problems 3yr - 1st Inst.	Individual	2,722	16
Mikhlin, J. Chemical Eng. McGill	Axial filtration and rotating dynamic membranes 3yr - 1st Inst.	Individual	10,400	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mikulcik, E.C. Mechanical Eng. Calgary	Articulated vehicle dynamics and control 3yr - 1st Inst.	Individual	12,000	13
Milgram, N.W. Psychology Toronto	Potential effects and reinforcing brain stimulation 3yr - 2nd Inst.	Individual	8,250	12
Miliaressis, E.T. Psychologie Ottawa	Neuropharmacologie du comportement d'autostimulation intracérébrale 3ans - 2ième vers.	Individuelle	14,190	12
Millar, J.S. Zoology Western Ontario	Ecological strategies of mammals in seasonal environments 3yr - 1st Inst.	Individual	25,000	18
Miller, C.A. TRIUMF Alberta	* Principal investigator J.M.Cameron(Alberta)	Project		27
Miller, C.A. TRIUMF Alberta	* Principal investigator G.Roy(Alberta)	Project		27
Miller, C.A. Chemistry Alberta	* Principal investigator W.T.H.Van Oers(Manitoba)	Project		27
Miller, C.A. TRIUMF Alberta	* Principal investigator G.A.Moss(Alberta)	Project		27
Miller, C.A. TRIUMF Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Miller, C.A. TRIUMF Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Miller, C.A. TRIUMF Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
Miller, C.L. Psychology Western Ontario	The developmental course of voice perception in infancy 3yr - 1st Inst.	Individual	9,000	12
Miller, D.J. Mathematics Victoria	1) Optimal multi-message broadcasting 2) Rotation numbers of graphs 3yr - 2nd Inst.	Individual	2,967	16
Miller, D.M. Mathematics Winnipeg	The analysis of the chrestenson spectra of many-valued logic functions	Individual	7,600	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Miller, E.H. Biology Victoria	Comparative studies on communication in the Otariidae (Pinnipedia) 3yr - 1st Inst.	Individual	7,000	18
Miller, E.U. Jt. Prog. Transp. Toronto	Investigation of supply interactions in transport demand modelling 3yr - 2nd Inst.		11,000	06
Miller, H.D.S. Min./Min. Proc. British Columbia	Computer modelling of mine layouts and structures	Individual	9,000	10
Miller, H.G. Physics Memorial	Geophysical investigations of submarine extensions of Nfld. geology	Individual	9,000	10
Miller, J.U. Biology McMaster	The physiology of yeast sporogenesis and the properties of the yeast spore 3yr - 3rd Inst.	Individual	7,247	02
Miller, J.M. Chemistry Brock	1) Mass spectra of organometallics and applied mass spectrometry 2) Strong hydrogen bonding 3) Adduct formation 3yr - 2nd Inst.	Individual	22,000	05
Miller, J.R. Physics York	Remote sensing studies of the earth's surface reflectance	Individual	12,000	17
Miller, M.H. Land Resource Sc Guelph	1) Reactions at the soil-root interface 2) Soil physical factors and root growth 3yr - 2nd Inst.	Individual	24,750	03
Miller, R.C. Microbiology British Columbia	Replication of T-phage 3yr - 1st Inst.	Individual	35,000	02
Miller, W.A. Metal/Mat. Science Toronto	Influence of interfaces on the properties of materials 3yr - 2nd Inst.	Individual	16,115	04
Miller, W.C. Electrical Eng. Windsor	* Principal investigator G.A.Jullien(Windsor) 3yr - 1st Inst.	Group		11
Milligan, L.P. Animal Science Alberta	Animal metabolism studies 3yr - 2nd Inst.	Individual	34,100	01
Millman, B.M. Physics Guelph	X-ray diffraction studies on muscle and biological gels	Individual	24,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mills, E.L. Oceanography Dalhousie	Biology of marine organisms 3yr - 3rd Inst.	Individual	18,117	18
Mills, R.H. Civil Engineering Toronto	Physical characteristics of cements made with waste materials and subjected to carbonation 3yr - 1st Inst.	Individual	14,500	06
Millson, J.J. Mathematics Toronto	Arithmetic cycles and automorphic forms 3yr - 3rd Inst.	Individual	12,078	16
Milman, P. Mathematics Toronto	Composition of differentiable mappings; complex geometry of real subvarieties of C^n 3yr - 2nd Inst.		3,300	16
Milne, C.P. Environ. Biology Guelph	Laboratory measurement of brood disease resistance in the honey bee	Individual	4,400	01
Milne, J.B. Chemistry Ottawa	Non-metallate stereochemistry 3yr - 2nd Inst.	Individual	11,000	05
Milner, E.C. Math/Statistics Calgary	Combinatorial set theory 3yr - 3rd Inst.	Individual	24,440	16
Milner, M. Bio-Med Eng. Toronto	Tracking and quantifying human movement 3yr - 3rd Inst.	Individual	17,271	11
Milner, P.M. Psychology McGill	Physiological study of learning and motivation 3yr - 1st Inst.	Individual	38,500	12
Milnes, P. Mathematics Western Ontario	Topological groups and semigroups and their associated function and operator algebras 3yr - 2nd Inst.	Individual	5,086	16
Milone, E.F. Physics Calgary	Variability in interacting binaries and other astronomical sources - and other astronomical phenomena 3yr - 1st Inst.	Individual	10,000	17
Milsom, W.K. Zoology British Columbia	Control of breathing in vertebrates 3yr - 2nd Inst.	Individual	12,100	01
Minder, C.E. Statistics Waterloo	Statistical methods requiring the aid of a computer 3yr - 3rd Inst.	Individual	2,048	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mindess, S. Civil Engineering British Columbia	Crack growth and fracture of cement, mortar and concrete 3yr - 2nd Inst.	Individual	14,300	06
Mingarelli, A.E. Mathematics Ottawa	Spectral theory and oscillation theory 3yr - 1st Inst.		3,000	16
Minvielle, F. Zootechnie Laval	Effets de la selection massale sur les polymorphismes enzymatiques d'une population croisee de Tribolium castaneum 3ans - 2ième vers.	Individuelle	9,900	02
Mioduchowski, A. Mechanical Eng. Alberta	Vibrations of elastic elements and media 3yr - 1st Inst.	Individual	12,500	13
Mirza, F.A. Civ Eng/Eng Mech McMaster	Application of mixed finite element method in fracture mechanics 3yr - 3rd Inst.	Individual	9,662	06
Mirza, S. Mechanical Eng. Ottawa	1) Stresses in reactor pressure vessels with attachments 2) Vibration of continuous plates and shells 3yr - 3rd Inst.	Individual	11,474	13
Mirza, S. Civ Eng/App Mech McGill	Study of behaviour of structural concrete subsystems subjected to static and dynamic loads using physical (direct) and computer (finite element) models 3yr - 2nd Inst.	Individual	23,100	06
Misra, A.K. Mechanical Eng. McGill	Structural dynamics and stability associated with 1) Deployment of large flexible spacecraft and 2) Cylinders subjected to axial flow 3yr - 2nd Inst.	Individual	8,250	13
Misra, S.K. Physics Concordia	1) EPR and ENDOR investigations of Fe3+, Mn2+ and Gd3+ ions doping single crystals at different temperatures 2) Mossbauer effect detection of dynamically oriented Fe-57 nuclei 3yr - 2nd Inst.	Individual	15,213	15
Missirlis, Y.F. Eng. Physics McMaster	Mechanical and hydrodynamical evaluation of glutaraldehyde- fixed porcine valves	Individual	10,043	21
Mitalas, R. Astronomy Western Ontario	Stellar structure and evolution 3yr - 2nd Inst.	Individual	6,600	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mitchell, A. Metallurgical Eng. British Columbia	High temperature electrometallurgy 3yr - 1st Inst.	Individual	35,400	04
Mitchell, B.K. Entomology Alberta	Studies on insect chemoreception 3yr - 3rd Inst.	Individual	17,712	01
Mitchell, D. Civil Engineering McGill	Design of precast concrete connections 3yr - 3rd Inst.	Individual	15,701	06
Mitchell, D.E. Psychology Dalhousie	Experiments in visual perception 3yr - 2nd Inst.	Individual	45,980	12
Mitchell, G.F. Astronomy Saint Mary's	1) Chemical evolution of interstellar clouds 2) Structure of cometary comae * with J.L.Ginsburg(St. Mary's) 3yr - 2nd Inst.	Group	24,200	17
Mitchell, K.A.R. Chemistry British Columbia	Structure of molecules on surfaces	Individual	21,000	05
Mitchell, R.H. Chemistry Victoria	Probing novel aromatic hydrocarbons	Individual	20,000	05
Mitchell, R.H. Geology Lakehead	Petrology of kimberlites and alkaline rocks 3yr - 2nd Inst.	Individual	26,664	10
Mitchell, R.U. Civil Engineering Queen's	Model studies on earth structures 3yr - 2nd Inst.	Individual	20,900	10
Miura, R.M. Mathematics British Columbia	Wave propagation in nonlinear diffusion systems and applications 3yr - 1st Inst.	Individual	18,553	16
Mladenov, P.V. Biology Mount Allison	A comparative study of reproduction and development in Caribbean stalked and unstalked crinoids 3yr - 1st Inst.	Individual	9,000	01
Modi, V.U. Mechanical Eng. British Columbia	Studies in structural dynamics, fluid mechanics and bioengineering 3yr - 2nd Inst.	Individual	30,250	13
Modigliani, V. Psychology Simon Fraser	An experimental study of the structure of concepts	Individual	8,000	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Moen, I.O. Mechanical Eng. McGill	The influence of turbulence on flame propagation and on transition from deflagration to detonation	Individual	8,133	13
Moens, P.B. Biology York	Development and differentiation of reproductive cells 3yr - 3rd Inst.	Individual	33,818	02
Moeser, S.D. Inst Res Human Ab Memorial	Investigations into the structure of the episodic memory system 3yr - 3rd Inst.	Individual	14,977	12
Moffat, A.F.J. Physique Montréal	Les étoiles massives et la structure de la galaxie 3ans - 1er vers.	Individuelle	25,000	17
Moffat, J.E. Chemistry Waterloo	1) Catalytic and surface properties of phosphates 2) Theoretical studies of properties and reactions of organic molecules containing the C=N and C=N bonds 3yr - 2nd Inst.	Individual	26,400	05
Moffat, J.W. Physics Toronto	Fundamental gauge theories, gravitation and cosmology 3yr - 2nd Inst.	Individual	33,077	15
Moffitt, A.R. Psychology Carleton	Electrophysiological correlates of dreaming * with R.F.Hoffmann, R.E.Wells(Carleton) 3yr - 2nd Inst.	Group	8,800	12
Mogenson, G.J. Psychology Western Ontario	Neural mechanisms of behavior 3yr - 1st Inst.	Individual	47,000	12
Mohanty, S.G. Mathematical Sci. McMaster	Combinatorics and its application in probability and statistics 3yr - 2nd Inst.	Individual	11,048	14
Mohaupt, U.H. Mechanical Eng. Waterloo	Design of equipment for jet assisted mining operations 3yr - 2nd Inst.	Individual	9,350	13
Moisan, M. Physique Montréal	Etude, mise au point et applications de structures HF pour produire des plasmas 3ans - 2ième vers.	Individuelle	15,631	15
Moisan, M. Physique Montréal	* Chercheur principal J.Hubert(Montréal)	Coop		05
Molgaard, J. Engineering Memorial	The wear of aluminum alloys 3yr - 3rd Inst.	Individual	12,078	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mollin, R.A. Mathematics Queen's	The Brauer group - number theoretic applications 3yr - 2nd Inst.		7,300	16
Molotchnikoff, S. Sciences biolog. Montréal	Etude neurophysiologique comparée des voies et des centres visuels chez les vertébrés (lapins et rats) 3ans - 1er vers.	Individuelle	14,500	01
Momot, W.T. Biology Lakehead	The biology of exploited stocks: 1) Production response of crayfish to long term exploitation 2) Response of forage fish to selected removal of walleye, Stizostedion v. vitreum 3yr - 1st Inst.	Individual	13,000	18
Monaro, S. Physics Montréal	Research in nuclear spectroscopy and applied physics	Individual	27,000	22
Monchalin, J.P. Génie-physique Ecole Polytech.	Spectroscopie et détection photoacoustique et spectroscopie avec un laser HF/DF continu		14,500	15
Money, T. Chemistry British Columbia	1) Terpenoid synthesis 2) Polyketide biosynthesis 3) Camphor chemistry 3yr - 2nd Inst.	Individual	30,250	05
Monforton, G.R. Civil Engineering Windsor	Linear and nonlinear analysis of structural systems 3yr - 3rd Inst.	Individual	14,494	06
Monson, B.R. Math/Statistics New Brunswick	Crystallographic groups and regular maps 3yr - 2nd Inst.	Individual	954	16
Montalbetti, R. Physics Saskatchewan	* Principal investigator D.J.McEwen(Sask.) 3yr - 1st Inst.	Co-op		17
Montevecchi, W.A. Psychology Memorial	Parental care and development of marine birds 3yr - 1st Inst.	Individual	14,500	12
Montgomerie, R.D. Biology Queen's	Competition among arctic bumblebees 3yr - 2nd Inst.		22,000	18
Montgomery, W.D. Math/Statistics Regina	Diffraction monograph, and phase retrieval research 3yr - 3rd Inst.	Individual	1,746	16
Moodie, G.E.E. Biology Winnipeg	Studies on natural selection in sticklebacks 3yr - 3rd Inst.	Individual	4,227	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Moodie, T.E. Mathematics Alberta	Mathematical and computational aspects of wave motions for linear, nonlinear, and dispersive media 3yr - 3rd Inst.	Individual	8,096	16
Moody, N.F. Physics Victoria	Atmospheric ions	Individual	3,000	05
Moody, R.V. Mathematics Saskatchewan	Lie theory 3yr - 1st Inst.	Individual	12,133	16
Moon, J.W. Mathematics Alberta	Research in graph theory 3yr - 1st Inst.	Individual	1,100	16
Moon, T.W. Biology Ottawa	Starvation, gluconeogenesis and the role of skeletal muscle in fish 3yr - 3rd Inst.	Individual	34,417	01
Moon, W. Earth Sciences Manitoba	Whole earth geodynamics and seismological projects	Individual	11,000	10
Moorcroft, D.R. Physics Western Ontario	Studies of ionospheric structure 3yr - 2nd Inst.	Individual	14,300	17
Moorcroft, D.R. Physics Western Ontario	* Principal investigator G.Rostoker(Alberta)	Co-op		17
Moorcroft, D.R. Physics Western Ontario	* Principal investigator G.G.Shepherd(York)	Co-op		17
Moorcroft, D.R. Physics Western Ontario	Support for university members of the science team for the WISP/HF Spacelab instrument * with R.R.J.Gagne(Laval), R.E.Horita(Victoria), J.G.LaFramboise(York), G.U.Sofko(Sask.)	Co-op	10,000	17
Moore, E.R. Psychology Dalhousie	Basic processes in learning and conditioning 3yr - 2nd Inst.	Individual	6,050	12
Moore, E. Engineering Memorial	1) Solution of partial differential-difference equations 2) Analysis of surge in water flow 3yr - 3rd Inst.	Individual	1,746	16
Moore, G.H. Philosophy Toronto	Mathematical communications barriers: The example of "Forcing" 3yr - 1st Inst.		3,000	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Moore, J.A. Physics Brock	Atomic collisions in solids 2yr - 1st Inst.	Individual	3,500	15
Moore, J.M. Geology Carleton	Evolution of the Grenvillian Orogen in Eastern Ontario	Individual	11,500	10
Moore, M. Mathématiques appl. Ecole Polytech.	Analyse statistique de l'interaction spatiale 3ans - 1er vers.	Individuelle	5,250	14
Moore, R.A. Physics Waterloo	Relativistic electric and magnetic effects in atoms and metals 3yr - 2nd Inst.	Individual	9,262	15
Moore, R.E. Physics McGill	* Principal investigator J.K.P.Lee(McGill)	Group		22
Moore, R.G. Chemical/Pet. Eng. Calgary	Permeability reduction associated with the flow of bitumen in a porous media 3yr - 1st Inst.	Individual	10,400	04
Moore, R.M. Oceanography Dalhousie	Trace metal marine geochemistry and chemical tracers in the Arctic Ocean	Individual	11,500	10
Moore, T.R. Geography McGill	Soil forming processes, opal phytoliths and archaeological features in boreal, subarctic and arctic soils	Individual	11,000	10
Moorhead, J.M. Astronomy Western Ontario	Fourier spectroscopy of gaseous nebulae 3yr - 1st Inst.	Individual	4,000	17
Moorhead, J.M. Astronomy Western Ontario	* Principal investigator W.H.Wehlau(Western Ontario) 3yr - 1st Inst.	Co-op		17
Moo-Young, M. Chemical Eng. Waterloo	1) Biochemical engineering design of fermentation processes 2) Transport phenomena in multiphase contacting devices 3yr - 3rd Inst.	Individual	36,518	04
Moo-Young, M. Chemical Eng. Waterloo	Conversion of cellulosic materials into animal feed by semi-solid fermentation * with C.W.Robinson(Waterloo), J.G.Buchanan-Smith(Guelph) 3yr - 2nd Inst.	Co-op	22,000	21
Morales, P.A. Mathématiques Sherbrooke	Mesures à valeurs dans un semi- groupe uniforme 3ans - 2ième vers.	Individuelle	3,815	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Moran, G.A. Psychology Western Ontario	A study of social interaction: rules of movement 3yr - 3rd Inst.	Individual	8,455	12
Moran, L.A. Biochemistry Toronto	* Principal investigator R.S.Singh(McMaster) 3yr - 1st Inst.	Co-op		02
Morand, P. Chemistry Ottawa	Synthetic and mechanistic studies in organic and biochemical reactions 3yr - 2nd Inst.	Individual	6,600	05
Morgan, A.V. Earth Sciences Waterloo	Spatial changes in the Canadian insect fauna during the late Pleistocene and recent * with M.A.Morgan(Waterloo) 3yr - 2nd Inst.	Group	19,525	10
Morgan, D.E. Computer Science Waterloo	Computer network performance and reliability studies 3yr - 3rd Inst.	Individual	22,000	07
Morgan, F.J. Physics York	Laser photophysics and spectroscopy of atoms/molecules 3yr - 1st Inst.	Individual	5,740	15
Morgan, K. Genetics Alberta	The effects of population structure on associations between alleles at selectively neutral loci 3yr - 1st Inst.	Individual	16,000	18
Morgan, M.A. Biology Waterloo	Spatial changes in the Canadian insect fauna during the Late Pleistocene and recent 3yr - 2nd Inst.		11,000	10
Morgan, M.A. Biology Waterloo	* Chercheur principal A.V.Morgan(Waterloo) 3yr - 2nd Inst.	Group		10
Morgenstern, E.K. Forest Resources New Brunswick	Isoenzyme studies in black spruce	Individual	10,000	03
Morgenstern, N.R. Civil Engineering Alberta	Geotechnical behaviour of permafrost, oil sands, and other natural materials 3yr - 1st Inst.	Individual	52,000	10
Morgera, S.D. Electrical Eng. Concordia	1) Error-correcting codes: A complexity approach 2) Spatial- temporal structure in three- dimensional image processing	Individual	27,600	11
Morin, G. INRS-Eau Québec-INRS	Modèle stochastique pluie-débit 3ans - 2ième vers.	Individuelle	11,550	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Morisset, J.A. Biologie Sherbrooke	Mécanismes de contrôle de la croissance des organes du tube digestif chez le rat en bas âge et chez l'adulte 3ans - 2ième vers.	Individuelle	23,100	01
Morissette, S. Génie électrique Sherbrooke	Digitalisation de modems et analyse de réseaux de communication 3ans - 3ième vers.	Individuelle	18,842	11
Morrall, J.F. Civil Engineering Calgary	Highway user information systems - a technological assessment 3yr - 2nd Inst.	Individual	13,200	06
Morrall, R.A.A. Biology Saskatchewan	Plant pathogenic fungi of Saskatchewan 3yr - 3rd Inst.	Individual	13,890	03
Morris, D.R. Chemical Eng. New Brunswick	Development of solid electrolytes 3yr - 1st Inst.	Individual	10,400	04
Morris, G.A. Civil Engineering Manitoba	Behavior of tubular steel trusses with end-cropped webs 3yr - 2nd Inst.	Individual	9,900	06
Morris, G.K. Zoology Toronto	Studies of sound communication in insects, especially orthoptera 3yr - 1st Inst.	Individual	15,800	01
Morris, G.P. Biology Queen's	Ultrastructural and cytochemical studies on insect neurosecretory cells	Individual	8,000	01
Morris, J.L. Computer Science Waterloo	The numerical solution of evolutionary partial differential equations 3yr - 3rd Inst.	Individual	16,184	07
Morris, L.R. Sys Eng/Comp Sci. Carleton	Real-time signal processing - hardware and software 3yr - 2nd Inst.	Individual	9,240	11
Morris, R.D. Biolog. Sciences Brock	Aspects of the foraging & reproductive ecology of colonial seabird species 3yr - 3rd Inst.	Individual	15,701	18
Morris, R.H. Chemistry Toronto	Binuclear transition metal complexes for dinitrogen activation	Individual	11,000	05
Morris, T.F. Physics McGill	Nonlinear field theories of elementary particles 3yr - 1st Inst.	Individual	3,500	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Morrish, A.H. Physics Manitoba	Surface and glass magnetism 3yr - 2nd Inst.	Individual	64,900	15
Morrison, I.L. Mathematics Toronto	Moduli problems in algebraic geometry 3yr - 1st Inst.		3,000	16
Morrison, I.N. Plant Science Manitoba	Mechanism of herbicide action 3yr - 2nd Inst.	Individual	14,850	03
Morrison, J.A. Chemistry McMaster	Studies in solid state chemistry and physics 3yr - 2nd Inst.	Individual	38,500	05
Morrison, J.B. Kinesiology Simon Fraser	Evaluation of inhalation rearming in treatment of hypothermia 3yr - 3rd Inst.	Individual	8,093	01
Morrison, P.E. Biology Waterloo	The physiology of insect reproduction 3yr - 1st Inst.	Individual	13,000	01
Morrison, W.D. Animal/Poultry Sc. Guelph	Energy utilization of efficient and inefficient hens 3yr - 3rd Inst.	Individual	15,369	01
Morrow, E.A. Chemistry Ottawa	Studies in surface chemistry and spectroscopy 3yr - 2nd Inst.	Individual	17,600	05
Mortimer, B.C. Mathematics Carleton	Error-correcting codes in communication systems 3yr - 2nd Inst.		3,300	16
Morton, J.K. Biology Waterloo	Biosystematic and phytogeographic studies on the North American and African floras 3yr - 3rd Inst.	Individual	14,494	18
Morton, R.A. Biology McMaster	Acetylcholinesterase and organophosphate-resistance in Drosophila 3yr - 1st Inst.	Individual	12,000	02
Moscovitch, M. Psychology Toronto	Studies of hemispheric asymmetries and cerebral organization in normal people 3yr - 2nd Inst.	Individual	21,890	12
Moser, W.D.J. Mathematics McGill	Problems in combinatorics and discrete geometry 3yr - 1st Inst.	Individual	3,499	16
Moskovits, M. Chemistry Toronto	Research in surface chemistry and spectroscopy	Individual	22,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mosley, J.L. Psychology Calgary	Attention and memory in the mildly retarded	Individual	4,500	12
Moss, G.A. Physics Alberta	IEP-79 - Salary budget for experimental program * with J.M.Cameron, G.C.Neilson, P.Kitching, W.J.McDonald, G.Roy, D.M.Sheppard, W.C.Olsen, C.M.Stinson(Alberta)	Project	227,000	27
Moss, G.A. Physics Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Moss, G.A. Physics Alberta	IEP-66 - Spin rotation parameter in p-Helium 4 scattering * with G.Roy, C.A.Miller(Alberta)	Project	3,500	27
Moss, G.A. Physics Alberta	* Principal investigator G.Roy(Alberta)	Project		27
Moss, G.A. Physics Alberta	* Principal investigator W.T.H.Van Oers(Manitoba)	Project		27
Moss, G.A. Physics Alberta	* Principal investigator G.Roy(Alberta) 3yr - 2nd Inst.	Co-op		27
Mossman, D.J. Geological Sciences Saskatchewan	Petrology and chemistry of ore deposits	Individual	3,000	10
Mothersill, J.S. Geology Lakehead	Late quaternary paleomagnetic curves 1) Time parallel correlation 2) Secular variations of paleomagnetic field	Individual	8,200	10
Mouftah, H.T. Electrical Eng. Queen's	1) Design innovations in computer communications 2) Multiple-valued logic design and implementation	Individual	13,400	11
Moule, D.C. Chemistry Brock	Molecular electronic spectroscopy 3yr - 2nd Inst.	Individual	17,600	05
Mountjoy, E.W. Geological Sciences McGill	Carbonate sedimentation and diagenesis Paleozoic reefs and platform margins 3yr - 3rd Inst.	Individual	21,137	10
Mrosovsky, N. Psychology Toronto	Obesity in hibernators, biological rhythms & behaviour 3yr - 3rd Inst.	Individual	44,085	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mucciardi, F. Mining/Metallurgy McGill	Injection techniques for the refining of pig iron and steel 3yr - 2nd Inst.		11,000	04
Muecke, G.K. Geology Dalhousie	Geochemical and isotopic studies on metamorphic and igneous rocks, minerals and ores, using established and newly developed methods of neutron activation analysis 3yr - 2nd Inst.	Individual	12,650	10
Muehlenbachs, K. Geology Alberta	Stable isotope exchange studies and their application to geological problems 3yr - 1st Inst.	Individual	17,000	10
Mueller, B.J. Mathematical Sci. McMaster	Noetherian rings 3yr - 2nd Inst.	Individual	21,193	16
Mueller, G.S. Chemical Eng. Waterloo	Studies in multivariable and computer control systems design 3yr - 2nd Inst.	Individual	12,100	04
Mufti, A.A. Computing Services Tech Univ N.S.	1) FE analysis of RC structures 2) Distributed processing in the finite element analysis 3yr - 1st Inst.	Individual	10,000	06
Muggeridge, D.E. Engineering Memorial	Response of semisubmersible and compliant platforms to irregular waves 3yr - 2nd Inst.	Individual	11,000	13
Muir, D.W. Psychology Queen's	* Principal investigator P.C.Dodwell(Queen's) 3yr - 3rd Inst.	Group		12
Muir, W.E. Physics McGill	Magnetic, Mössbauer and electron transport effects in metals, alloys and semiconductors 3yr - 2nd Inst.	Individual	18,667	15
Muir, W.E. Agricul. Eng. Manitoba	Grain storage systems 3yr - 1st Inst.	Individual	18,000	21
Mujumdar, A.S. Chemical Eng. McGill	Transport processes in stationary and flow systems 3yr - 2nd Inst.	Individual	11,000	04
Mukhedkar, D. Génie électrique Ecole Polytech.	1) Etude de mise à la terre. 2) Etude expérimentale du moteur asynchrone linéaire 3ans - 3ième vers.	Individuelle	14,373	11
Mular, A.L. Min./Min. Proc. British Columbia	Optimization of mineral processes 3yr - 1st Inst.	Individual	10,400	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Muldoon, M.E. Mathematics York	Special functions, ordinary differential equations and functional equations 3yr - 1st Inst.	Individual	3,499	16
Muldowney, J.S. Mathematics Alberta	Qualitative theory of differential equations 3yr - 2nd Inst.	Individual	10,173	16
Mullen, K. Math/Statistics Guelph	Analysis of sensory data 3yr - 2nd Inst.	Individual	1,725	14
Mullin, J.K. Computer Science Western Ontario	Integrated relational data base and text system with retrieval and editing	Individual	8,000	07
Mullin, R.C. Combin./Optimiz. Waterloo	Combinatorial construction of codes and designs 3yr - 2nd Inst.	Individual	25,432	16
Mulvenna, C.A. Engineering Drawing Queen's	Investigation of new pumping principles and machine designs * with A.L.J. Van Eyken (Queen's)	Group	8,000	13
Munro, D.S. Geography Toronto	Vegetative and surface factors in the evaporation from a swamp 3yr - 2nd Inst.	Individual	9,350	18
Munro, J.I. Computer Science Waterloo	Efficiency of data structures 3yr - 1st Inst.	Individual	25,500	07
Munro, M.B. Mechanical Eng. Ottawa	Fracture energy of fibre hybrid composites 3yr - 3rd Inst.	Individual	11,474	13
Munz, R.U. Chemical Eng. McGill	1) Chemical separation in electrostatic precipitators 2) High temperature gas solid separation 3yr - 2nd Inst.	Individual	8,800	04
Murasugi, K. Mathematics Toronto	Topology of 3-manifolds and Poincaré conjecture 3yr - 2nd Inst.	Individual	21,193	16
Murat, J.R. Génie civil Ecole Polytech.	Etude expérimentale du fluage en flexion de la glace d'eau de mer 3ans - 2ième vers.	Individuelle	10,450	06
Murdock, B.B. Psychology Toronto	Studies of short-term memory 3yr - 2nd Inst.	Individual	43,780	12
Mureika, R.A. Math/Statistics New Brunswick	Empirical characteristic functions 3yr - 2nd Inst.	Individual	1,725	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Murie, J.O. Zoology Alberta	Ecology and behavior of rodents 3yr - 2nd Inst.	Individual	12,100	18
Murphy, B.D. Biology Saskatchewan	Studies of delayed implantation and seasonal breeding 3yr - 1st Inst.	Individual	20,500	01
Murphy, C.L. Mechanical Eng. McGill	Solar liquid piston pumps	Individual	4,500	13
Murr, D.P. Horticulture Guelph	Regulatory and control mechanisms of ethylene biosynthesis 3yr - 2nd Inst.	Individual	9,900	03
Murray, D.J. Psychology Queen's	Acquisition processes in memory 3yr - 1st Inst.	Individual	11,000	12
Murray, D.W. Civil Engineering Alberta	Inelastic analysis of structures 3yr - 2nd Inst.	Individual	22,000	06
Murray, E.D. Food Science Manitoba	Functionality of proteins in food systems 3yr - 2nd Inst.	Individual	19,800	03
Murray, F.E. Chemical Eng. British Columbia	Studies on catalysis and complexing in sulphide oxidation	Individual	12,000	04
Murtha, P.A. Faculty of Forestry British Columbia	Photo interpretation for extravizual detection of damage to vegetation on color-infrared air photos 3yr - 3rd Inst.	Individual	8,455	18
Murthy, G. Physics Memorial	Paleomagnetic and rock magnetic investigations of anorthositic and other intrusive rocks from Labrador, Greenland and the island of Newfoundland and the study of implications of these results 3yr - 3rd Inst.	Individual	12,078	10
Murty, U.S.R. Combin./Optimiz. Waterloo	Extremal problems in graph theory and matroid theory 3yr - 3rd Inst.	Individual	2,443	16
Muter, P.M. Psychology Toronto	Human episodic memory 3yr - 1st Inst.		10,000	12
Muzik, I. Civil Engineering Calgary	Drainage basin forms and flood flow frequencies 3yr - 3rd Inst.	Individual	10,870	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Muzio, J.C. Computer Science Manitoba	1) Computer aided design of digital systems 2) Design algorithms for many-valued systems 3yr - 3rd Inst.	Individual	7,126	07
Myers, J.H. Animal Res. Ecol. British Columbia	Food plant refuges as determinants of equilibrium density in biological control of weeds 3yr - 2nd Inst.	Individual	27,500	18
Mylopoulos, J. Computer Science Toronto	Conceptual modelling techniques and their applications 3yr - 1st Inst.	Individual	25,500	07
Mysak, L.A. Mathematics British Columbia	Problems in wave motion and geophysical fluid dynamics 3yr - 3rd Inst.	Individual	15,173	16
Nachman, M. Génie électrique Ecole Polytech.	Applications des hyperfréquences 3ans - 1er vers.	Individuelle	9,200	11
Nadeau, D. Biologie Sherbrooke	Profil enzymatique des cellules alvéolaires pulmonaires et recherche de paramètres indicateurs précoces de pathologies pulmonaires 3ans - 3ième vers.	Individuelle	14,494	02
Nadeau, D. Physique Montréal	Recherche en astronomie infrarouge	Individuelle	8,000	17
Nadeau, J.S. Metallurgical Eng. British Columbia	Subcritical crack growth in engineering materials 3yr - 1st Inst.	Individual	21,900	04
Nagi, A.D.S. Physics Waterloo	1) Theoretical superconductivity 2) Theoretical study of superfluid ³ He 3yr - 3rd Inst.	Individual	15,219	15
Naimpally, S.A. Mathematical Sci. Lakehead	Fixed points of nonexpansive mappings 3yr - 1st Inst.	Individual	8,000	16
Nair, K.K. Biolog. Sciences Simon Fraser	Differentiation in insect cells 3yr - 3rd Inst.	Individual	23,909	01
Nair, K.P.K. School of Admin. New Brunswick	Optimization problems in networks * with Y.P.Aneja, R.Chandra(N.B.) 3yr - 2nd Inst.	Group	8,360	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Nakai, S. Food Science British Columbia	Study on hydrophobicity in relation to the functionality of food proteins 3yr - 3rd Inst.	Individual	36,234	02
Nakajima, S. Psychology Dalhousie	Post-trial events critical for one-trial learning 3yr - 3rd Inst.	Individual	17,996	12
Nakamura, K. Biolog. Sciences Lethbridge	Cellular surface activity and amino acid sensitivity in alga Chlamydomonas 3yr - 3rd Inst.	Individual	12,078	02
Naldrett, A.J. Geology Toronto	Field and experimental studies of Pt and Ni deposits and their host rocks 3yr - 1st Inst.	Individual	50,000	10
Nalewajko, C. Botany Toronto	1) Extracellular release in algae 2) Phosphate uptake in algae 3yr - 3rd Inst.	Individual	20,533	18
Napier, D.H. Chem Eng/App Chem Toronto	Hazards of combustible dusts 3yr - 1st Inst.	Individual	13,900	04
Narasiah, S. Génie civil Sherbrooke	Performance d'un étang aéré en climat froid 3ans - 2ième vers.	Individuelle	10,450	06
Narayana, T.V. Mathematics Alberta	Combinatorial methods in statistics 3yr - 2nd Inst.	Individual	2,741	14
Narayanaswami, P. Math/Statistics Memorial	Problems in the general theory of topological vector spaces and bornologies, with special reference to locally convex spaces arising from the closed graph and open mapping theorems 3yr - 3rd Inst.	Individual	2,350	16
Nargang, F.E. Genetics Alberta	Mitochondrial gene expression in Neurospora crassa 3yr - 2nd Inst.		16,000	02
Narraway, J.J. Electrical Eng. New Brunswick	Fault diagnosis in switching networks and systems 3yr - 1st Inst.	Individual	7,600	11
Nash, D. Genetics Alberta	Studies on Drosophila melanogaster mutants with defects in purine metabolism 3yr - 1st Inst.	Individual	28,000	02
Nasim, C. Mathematics Calgary	Integral transforms and dual integral equations 3yr - 1st Inst.	Individual	1,944	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Nasser, K.W. Civil Engineering Saskatchewan	Properties of fly-ash concrete and in-situ strength and air content of concrete 3yr - 1st Inst.	Individual	15,000	06
Nasser, M.S. Civil Engineering Concordia	1) Spatially varied flow 2) Branched flow 3) Waves and porous structures 3yr - 1st Inst.	Individual	12,000	06
Nathan, N.D. Civil Engineering British Columbia	1) Slenderness of walls (Masonry & tilt-up) 2) Seismic resistance of coupled shear-walls 3yr - 1st Inst.	Individual	12,000	06
Nautiyal, J.C. Forestry Toronto	Nature of the timber production function 3yr - 2nd Inst.	Individual	11,000	18
Navratil, S. Forestry Lakehead	Etiology of virus and virus-like diseases of Poplar (Populus div. sp. et hybr.) found in Canada	Individual	7,000	03
Naylor, E.G. Geology/Zoology Alberta	Interrelationships of fossil and recent amphibians 3yr - 1st Inst.		10,000	10
Naylor, J.M. Biology Saskatchewan	Studies on the genetic adaptation of wild oats 3yr - 3rd Inst.	Individual	14,494	02
Nazar, R.N. Botany & Genetics Guelph	Role of 5.8s and 5s rRNA in ribosome structure and function and their interaction with ribosomal proteins 3yr - 3rd Inst.	Individual	26,572	02
Neale, G.H. Chemical Eng. Ottawa	Enhanced oil recovery from petroleum reservoirs 3yr - 2nd Inst.	Individual	17,050	04
Neale, K.W. Génie civil Sherbrooke	Phénomènes d'instabilité plastique 3ans - 3ième vers.	Individuelle	15,701	06
Necsulescu, D.S. Mechanical Eng. Ottawa	Energy system stochastic models for sequentially expanding decision matrix	Individual	6,000	20
Neelin, J.M. Biology Carleton	Role of lysine-rich histones in erythrocyte and other eukaryotic chromatin 3yr - 1st Inst.	Individual	25,000	02
Neemeh, R.A. Mechanical Eng. Concordia	Aerodynamic resonators - ignition by oscillating shock waves 3yr - 3rd Inst.	Individual	10,266	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Neill, W.E. Animal Res. Ecol. British Columbia	Structure of freshwater zooplankton communities in response to changing environments 3yr - 3rd Inst.	Individual	15,701	18
Neill, W.E. Animal Res. Ecol. British Columbia	* Principal investigator C.J.Walters(B.C.) 3yr - 2nd Inst.	Co-op		18
Neilson, G.C. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
Neilson, G.C. Physics Alberta	* Principal investigator G.A.Moss(Alberta)	Project		27
Neilson, G.C. Physics Alberta	* Principal investigator D.M.Sheppard(Alberta)	Group		22
Neilson, G.C. Physics Alberta	* Principal investigator G.Roy(Alberta) 3yr - 2nd Inst.	Co-op		27
Neilson, T. Biochemistry McMaster	Stability studies on short imperfect RNA duplexes	Individual	20,000	02
Nel, L.D. Mathematics Carleton	Topological algebra in convenient categories 3yr - 3rd Inst.	Individual	4,190	16
Nelson, D.E. Archaeology Simon Fraser	Research in techniques of 14C dating and in volcanic ash analysis 3yr - 3rd Inst.	Individual	14,494	21
Nelson, D.E. Archaeology Simon Fraser	Direct measurement radioisotope dating * with R.G.Korteling(Simon Fraser) 3yr - 2nd Inst.	Co-op	44,000	21
Nelson, E.M. Mathematical Sci. McMaster	Continuous lattices, many-sorted algebras and their applications to computing 3yr - 3rd Inst.	Individual	3,143	16
Nelson, J.S. Zoology Alberta	1) Systematics of cottoid and trachinoid fishes 2) Classification of world fishes 3yr - 3rd Inst.	Individual	14,494	18
Nelson, S.J. Geology & Geophys. Calgary	Palaeozoic correlations 3yr - 2nd Inst.	Individual	8,800	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Nemetz, P.N. Commerce British Columbia	Least cost systems strategies for pollution abatement	Individual	17,000	20
Nerenberg, M.A. Applied Math. Western Ontario	Interacting superconducting weak links, defects in ionic crystals	Individual	7,000	15
Nesbitt, E.E. Geology Alberta	Chemical and mineralogical effects of the metamorphism of massive sulfides	Individual	9,000	10
Nesbitt, H.W. Geology Western Ontario	The sedimentary geochemistry of the Lanthanides	Individual	9,000	10
Netsch, H. Génie mécanique Laval	1) Etude dynamique du système turbine-génératrice 2) Conception et développement des turbines (hydrauliques) et pompes-turbines 3ans - 3ième vers.	Individuelle	15,098	13
Neufeld, R.J. Chemical Eng. McGill	Microbial products from hydrocarbon fermentations 3yr - 1st Inst.	Individual	8,900	04
Neumann, A.W. Mechanical Eng. Toronto	Applied surface thermodynamics 3yr - 2nd Inst.	Individual	39,050	13
Newborn, M.M. Computer Science McGill	A study of tree searching algorithms for artificial intelligence problems 3yr - 3rd Inst.	Individual	14,132	07
Newby, W.G. Psychology Western Ontario	Time allocation and interval contingencies of reinforcement	Individual	3,300	12
Newcomb, W. Biology Queen's	Development of nitrogen-fixing root nodules and angiosperm embryo sacs 3yr - 3rd Inst.	Individual	19,325	03
Newcombe, W.R. Mechanical Eng. McMaster	Computer aided analysis and synthesis of mechanisms and machine elements - artificial joints 3yr - 1st Inst.	Individual	10,500	13
Newcombe, W.R. Mechanical Eng. McMaster	* Principal investigator J. Tlustý (McMaster) 3yr - 2nd Inst.	Co-op		13
Newman, E.G. Mechanical Eng. McGill	Flow past flexible bodies 3yr - 1st Inst.	Individual	26,000	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Newman, E.B.S. Biology Concordia	The role of L-serine deaminase in E. Coli metabolism 3yr - 1st Inst.	Individual	30,000	02
Newman, K.E. Chemistry Simon Fraser	* Principal investigator P.W.Percival(Simon Fraser)	Project		27
Newman, K.E. Chemistry Simon Fraser	Kinetics of fast electorn transfer reactions 3yr - 2nd Inst.		13,700	05
Newrock, K.M. Biology McGill	Changes of chromosomal structural proteins during development 3yr - 3rd Inst.	Individual	16,909	02
Newsome, G.E. Biology St. F. Xavier	Controlling populations of yellow perch in large lakes 3yr - 2nd Inst.	Individual	6,600	18
Ng, A.K.H. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 1st Inst.	Group		15
Ng, C.T. Pure Mathematics Waterloo	Functional equations and information theory 3yr - 1st Inst.	Individual	4,666	16
Ng, J.N. Physics British Columbia	Studies of new structures in electroweak interactions 3yr - 1st Inst.		10,000	15
Ng, S.K.C. Microbiology Saskatchewan	Regulation and function of gluconeogenic enzymes in oral bacteria 3yr - 3rd Inst.	Individual	18,117	02
Ng, S.S.F. Civil Engineering Ottawa	1) Construction loads, shoring and reshoring systems in highrise concrete structures; 2) Dynamic and static behaviour of bridge decks; 3) Innovative numerical methods in applied mechanics 3yr - 1st Inst.	Individual	17,500	06
Ngo, V.Q. Math/statistique Montréal	Variétés feuilletées et groupe intransitif de transformations 3ans - 2ième vers.	Individuelle	5,086	16
Nguyen, D.N. Génie mécanique Laval	Etude de l'interaction couche limite-obstacle	Individuelle	8,000	13
Nguyen, K.T. Mathématiques Qué.-Trois-Riv	Applications des solutions topologiques au problème du potentiel linéaire 3ans - 2ième vers.	Individuelle	2,670	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Nguyen, S. Informatique Montréal	Modèles et méthodes d'optimisation des réseaux de transport 3ans - 1er vers.	Individuelle	20,000	20
Nguyen, V.T.V. Sc. appliquées Qué-Chicoutimi	Caractérisation hydrologique de la pluie pour le design des réseaux de drainage urbain 3ans - 1er vers.	Individuelle	9,000	06
Nichol, I. Geological Sciences Queen's	Geochemical exploration in Canada	Individual	20,000	10
Nicholls, D.M. Biology York	The translation of messenger RNA and the role of inhibitors during the induction of liver and kidney enzymes 3yr - 1st Inst.	Individual	16,000	02
Nicholls, J.W. Geology & Geophys. Calgary	Chemical analyses of rocks and minerals, molar volumes of pyroxenes and H2O contents of magmas 3yr - 2nd Inst.	Individual	13,750	10
Nicholls, P. Biolog. Sciences Brock	Cytochrome c oxidase: catalytic mechanism and membrane interactions 3yr - 3rd Inst.	Individual	48,312	02
Nicholls, R.W. Physics York	Experimental, observational and theoretical studies on laboratory astrophysics, astronomy, aeronomy and remote sensing 3yr - 1st Inst.	Individual	77,000	17
Nichols, J.L. Biochem./Microbiol. Victoria	The structure of cellular ribonucleic acids and ribonucleoprotein complexes 3yr - 2nd Inst.	Individual	20,900	02
Nichols, S.T. Electrical Eng. Calgary	Digital signal processing and parameter identification	Individual	8,900	11
Nicholson, P.S. Metallurgy McMaster	Development and evaluation of high performance ceramics 3yr - 1st Inst.	Individual	26,400	04
Nicholson, W.K. Math/Statistics Calgary	Structure of rings and modules 3yr - 1st Inst.	Individual	7,000	16
Nickel, E.G. Physics Guelph	Study of critical behavior in classical spin systems 3yr - 3rd Inst.	Individual	17,779	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Nickling, W.G. Geography Guelph	Effects of surface and textural variables on the threshold velocity of sand in air	Individual	9,000	10
Nicolas, J.R. Génie mécanique Sherbrooke	Propagation du son sur la neige et identification des sources de bruit 3ans - 2ième vers.	Individuelle	11,000	13
Nieboer, E. Biochemistry McMaster	Development of routine ultra-trace methods of analysis for nickel, cobalt and uranium	Individual	21,000	05
Niemi, R.R. Psychology Manitoba	Inhibitory modulation of excitatory learning and memory in young and adult rats 3yr - 2nd Inst.	Individual	2,200	12
Niessen, P. Mechanical Eng. Waterloo	Continuous non-ferrous casting/interface studies 3yr - 1st Inst.	Individual	25,000	04
Nieto, J.I. Math/statistique Montréal	Analyse spectrale 3ans - 3ième vers.	Individuelle	4,190	16
Nikiforuk, P.N. Mechanical Eng. Saskatchewan	Hydraulic control systems; adaptive and optimal control systems 3yr - 3rd Inst.	Individual	50,728	13
Nishisato, S. Educ. Theory Toronto	Dual scaling of categorical data 3yr - 1st Inst.	Individual	10,000	12
Niven, D.F. Microbiology Macdonald Coll.	Biochemical and physiological studies of porcine haemophili 3yr - 2nd Inst.	Individual	15,400	02
Nkendirim, L.C. Geography Calgary	Calgary's urban heat island 3yr - 3rd Inst.	Individual	9,662	10
Noakes, D.L.G. Zoology Guelph	Ontogeny of behaviour in fishes 3yr - 2nd Inst.	Individual	6,600	01
Noble, J.P.A. Geology New Brunswick	Faunal and sedimentary history of the north Appalachian Orogen, Silurian-Devonian 3yr - 2nd Inst.	Individual	12,650	10
Nodwell, R.A. Physics British Columbia	* Principal investigator F.L.Curzon(B.C.) 3yr - 1st Inst.	Group		15
Nogami, Y. Physics McMaster	Theoretical studies in nuclear physics 3yr - 2nd Inst.	Individual	26,675	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Nolan, R.A. Biology Memorial	Studies on the role of fungi in the ecology of blackfly streams, studies on the use of fungi in biological control and taxonomic studies in the genus <i>Coelomomyces</i> . 3yr - 3rd Inst.	Individual	38,650	18
Norrie, D.H. Mechanical Eng. Calgary	Finite element applications in fluid mechanics 3yr - 1st Inst.	Individual	15,000	13
Norris, A.R. Chemistry Queen's	Kinetic and mechanistic studies of the reactions of bases and nitro aromatic compounds	Individual	10,500	05
Norris, G. Geology Toronto	Biostratigraphy of Mesozoic-Cenozoic miospores and dinoflagellates 3yr - 2nd Inst.	Individual	23,925	10
North, W.P.T. Mechanical Eng. Windsor	Industrial applications of optical metrology	Individual	9,025	13
Northcote, T.G. Forestry British Columbia	Salmonid species interaction and ecology in headwater streams 3yr - 1st Inst.	Individual	31,000	18
Northcote, T.G. Zoology British Columbia	* Principal investigator C.J.Walters(B.C.) 3yr - 2nd Inst.	Co-op		18
Northwood, D.D. Eng Materials Windsor	Materials performance and development for Canadian nuclear reactors 3yr - 2nd Inst.	Individual	18,150	04
Norwich, K.H. Bio-Med Eng. Toronto	Information coding by sensory neurons 3yr - 3rd Inst.	Individual	8,334	01
Notley, K.R. Mining Eng. Queen's	Investigation of viscosity of high density hydraulic fill slurries 3yr - 1st Inst.	Individual	8,900	04
Novak, M. Fac. of Eng. Sci. Western Ontario	Vibrations of structures and foundations 3yr - 3rd Inst.	Individual	32,611	06
Novak, M.M.A. Biology Winnipeg	* Principal investigator W.S.Evans(Winnipeg) 3yr - 1st Inst.	Group		01
Novitsky, J.A. Biology Dalhousie	Microbial metabolism and carbon cycling in coastal marine sediments 3yr - 1st Inst.	Individual	14,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Nowakowski, R.J. Mathematics Dalhousie	Investigation into the relationships between graphs and ordered sets 3yr - 1st Inst.	Individual	1,166	16
Nozzolillo, C. Biology Ottawa	Flavonoids in relation to plant physiology and plant taxonomy 3yr - 2nd Inst.	Individual	6,600	03
Nudds, T.D. Zoology Guelph	Waterfowl community dynamics in variable environments 3yr - 1st Inst.	Individual	15,000	18
Nursall, J.R. Zoology Alberta	Biotic interactions in fish communities 3yr - 3rd Inst.	Individual	13,286	18
Nuttall, J. Physics Western Ontario	Padé approximants and atomic scattering theory 3yr - 1st Inst.	Individual	20,580	15
Nyburg, S.C. Chemistry Toronto	Crystal structural and theoretical studies 3yr - 2nd Inst.	Individual	39,600	05
Nyland, E. Physics Alberta	Geodynamics of slow plate deformation at plate margins 3yr - 1st Inst.	Individual	20,000	10
Oakley, R.T. Chemistry Calgary	Thermochemistry and redox chemistry of sulphur nitrides 3yr - 2nd Inst.		17,000	05
Oaks, B.A. Biology McMaster	Nitrogen metabolism during germination and early seedling growth in Zea mays 3yr - 2nd Inst.	Individual	37,400	03
Oberai, K.K. Math/Statistics Queen's	Numerical index of Banach spaces 3yr - 2nd Inst.	Individual	3,815	16
O'Brien, G.L. Mathematics York	Properties of stochastic processes	Individual	3,800	14
O'Brien, P.J. Biochemistry Memorial	1) Biological oxygen activation 2) The formation and involvement of peroxides in biological processes 3yr - 1st Inst.	Individual	42,000	02
O'Brien, R.N. Chemistry Victoria	General surface & electrochemistry 3yr - 1st Inst.	Individual	24,000	05
Occhietti, S. Géographie Qué-Montréal	Paléoenvironnements Quaternaires de l'île du Cap-Breton	Individuelle	10,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
O'Day, D.H. Zoology Toronto	Membrane fusion in Dictyostelium discoideum 3yr - 1st Inst.	Individual	25,000	02
Odeh, R.E. Mathematics Victoria	Statistical tables and algorithms 3yr - 3rd Inst.	Individual	9,477	14
Odgers, J. Génie mécanique Laval	Research on combustion and allied phenomena 3ans - 3ième vers.	Individuelle	22,344	13
O'Donnell, P.J. Physics Toronto	Theoretical studies in elementary particle physics	Individual	19,550	15
O'Dor, R.K. Ecology Dalhousie	Energy and nutrient partitioning in cephalopods 3yr - 1st Inst.	Individual	8,000	01
O'Driscoll, K.F. Chemical Eng. Waterloo	1) Kinetics and thermodynamics of polymerization 2) Immobilization of enzymes and other catalysts 3yr - 3rd Inst.	Individual	37,726	04
Dehlschlager, A.C. Chemistry Simon Fraser	Chemical and biochemical studies of natural products 3yr - 3rd Inst.	Individual	21,861	05
Dehmichen, F. Architect. paysagiste Montréal	* Chercheur principal E.C.Lafargue(Montréal) 3ans - 2ième vers.	Groupe		06
Offenberger, A.A. Electrical Eng. Alberta	Laser production and heating of plasma; laser-plasma interaction 3yr - 1st Inst.	Individual	42,710	15
Ogilvie, K.K. Chemistry McGill	The chemical synthesis of RNA sequences, arabinonucleotides and modified nucleosides	Individual	35,000	05
Ogilvie, R.D.D. Psychology Brock	Psychological and physiological variables in sleep and sleep mentation 3yr - 1st Inst.	Individual	6,300	12
Ogryzlo, E.A. Chemistry British Columbia	Atmospheric photochemistry	Individual	9,000	05
Oguztoreli, M.N. Mathematics Alberta	Functional differential equations and modelling, analysis and simulations of some biological systems	Individual	5,000	21
Oh, S. Physics Manitoba	Cyclotron magnetic field mapping, upgrading the Cyclotron and beams	Individual	15,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Okada, R. Psychology York	Retrieval processes in memory 3yr - 1st Inst.	Individual	14,500	12
Oke, T.R. Geography British Columbia	Climate modification by urbanization 3yr - 2nd Inst.	Individual	27,390	10
Okubo, T. Mathematics McGill	1) Unified theory of fibred space. 2) Publication of a text of higher different geometry 3yr - 2nd Inst.	Individual	2,967	16
Olafson, R.W. Biochem./Microbiol. Victoria	Relationship of chemical structure to physiological function in prokaryotic metallothionein	Individual	20,000	02
Oldenburg, D.W. Geophys./Astron. British Columbia	Inversion and inference of geophysical data 3yr - 1st Inst.	Individual	23,000	10
Oldershaw, A.E. Geology & Geophys. Calgary	Natural and induced diagenetic relationships in sedimentary rocks 3yr - 1st Inst.	Individual	10,000	10
Oldham, K.B. Chemistry Trent	Electrochemistry 3yr - 1st Inst.	Individual	30,000	05
Oldham, W.K. Civil Engineering British Columbia	Sludge conditioning for phosphorus uptake 3yr - 1st Inst.	Individual	14,500	06
Olin, A. TRIUMF Victoria	* Principal investigator G.A.Beer(Victoria)	Project		27
Olin, A. TRIUMF Victoria	* Principal investigator G.A.Beer(Victoria)	Project		27
Olin, A. Physics Victoria	IEP-65 - Search for mu-induced 238U shape isomer * with G.A.Beer(Victoria). J.A.Macdonald(B.C.)	Project	9,000	27
Olin, A. TRIUMF Victoria	* Principal investigator D.Bryman(Victoria)	Project		27
Olin, A. TRIUMF Victoria	* Principal investigator L.P.Robertson(Victoria)	Project		27
Olin, P. Mathematics York	Model theory of semigroups	Individual	7,000	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Oliveira, L.A.F. Botany British Columbia	Nutritional and pollution effects on marine algal cells	Individual	8,000	03
Ollerhead, R.W. Physics Guelph	Particle-solid interactions using Van de Graaff accelerators 3yr - 1st Inst.	Individual	18,750	15
Oloffs, P.C. Biolog. Sciences Simon Fraser	The chemistry, metabolism, and toxicology of pesticides under natural and laboratory conditions 3yr - 3rd Inst.	Individual	16,909	01
Oloman, C.W. Chemical Eng. British Columbia	Design of electrochemical reactors 3yr - 1st Inst.	Individual	11,400	04
Olsen, W.C. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
Olsen, W.C. Physics Alberta	* Principal investigator G.A.Moss(Alberta)	Project		27
Olsen, W.C. Physics Alberta	* Principal investigator P.Kitching(Alberta)	Project		27
Olsen, W.C. Physics Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Olsen, W.C. Physics Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Olsen, W.C. Physics Alberta	* Principal investigator D.M.Sheppard(Alberta)	Group		22
Olsen, W.C. Physics Alberta	* Principal investigator G.Roy(Alberta) 3yr - 2nd Inst.	Co-op		27
Olson, J.P. Home Economics Saskatchewan	Interaction of dietary and hormonal influence on the maintenance of normoglycemia and metabolic control in the wistar ("BB") diabetic rat 3yr - 3rd Inst.	Individual	7,247	02
Olson, M.D. Civil Engineering British Columbia	Finite element analysis of fluids and solids 3yr - 2nd Inst.	Individual	26,400	13
O'Neill, W.S. Psychologie Moncton	Bilingual information processing 3ans - 2ième vers.	Individuelle	3,630	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ongley, E.D. Geography Queen's	Sediment-related nutrient and contaminant transport in fluvial systems	Individual	14,850	10
Ono, H. Psychology York	Binocular vision and eye movement 3yr - 3rd Inst.	Individual	25,364	12
Onyshko, S. Electrical Eng. Manitoba	Pulse-frequency modulation in control systems	Individual	7,100	11
Ooi, B.T. Electrical Eng. McGill	Electric machine control and dynamics 3yr - 2nd Inst.	Individual	22,550	11
Oosthuizen, P.H. Mechanical Eng. Queen's	1) External combined convective heat transfer 2) Free convective heat transfer 3) Buoyant turbulent jet and wake flows 4) Internal swirling flows 3yr - 2nd Inst.	Individual	29,150	13
Opatrny, J. Computer Science Concordia	On description of programming languages suitable for compiler construction	Individual	9,000	07
Oram, C.J. Physics British Columbia	* Principal investigator J.B.Warren(B.C.)	Project		27
Orchard, I. Biology York	Neurophysiology of insect neurosecretory cells 3yr - 2nd Inst.		18,000	01
Ord, J.L. Physics Waterloo	Ellipsometry and the properties of thin film systems 3yr - 2nd Inst.	Individual	16,533	15
Oren, T.I. Computer Science Ottawa	Methodology and software to assess and to increase the acceptability of simulation studies	Individual	9,000	07
O'Riain, M.D. Mechanical Eng. Concordia	* Principal investigator D.T.Gibbons(Concordia)	Group		11
Orlaci, L. Plant Science Western Ontario	Statistical and other mathematical analyses of plant communities and populations: studies in ordination, classification, pattern analysis, and dynamic simulation 3yr - 3rd Inst.	Individual	30,195	18
Ormrod, D.P. Horticultural Sci. Guelph	Physiological behavior of vegetative and reproductive plant structures subjected to environmental stresses 3yr - 2nd Inst.	Individual	44,550	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Orvig, S. Meteorology McGill	Climate impact research, through regional heat and water budget studies 3yr - 3rd Inst.	Individual	10,266	17
Orzech, M. Mathematics Queen's	Brauer groups and geometric rings 3yr - 1st Inst.	Individual	4,666	16
Osborn, G.D. Geology & Geophys. Calgary	1) Holocene/late pleistocene glacial chronology and tephrostratigraphy 2) Dynamics of glacier bergschrunds	Individual	6,100	10
Osborn, S.L. Computer Science Western Ontario	Relational data bases	Individual	8,000	07
Osborn, T.A. Physics Manitoba	Many-body scattering theory 3yr - 2nd Inst.	Individual	20,735	15
Osborn, T.A. Physics Manitoba	Collision times and state densities in molecular processes * with P.W.Brumer(Toronto) 3yr - 2nd Inst.	Co-op	11,000	15
Osborn, T.R. Oceanography British Columbia	Dissipation measurements in the warm core rings experiment	Individual	14,800	10
O'Shaughnessy, D. INRS-Télécomm. Québec-INRS	Modelling suprasegmentals for synthesized speech	Individual	7,900	11
O'Shea, S.F. Chemistry Lethbridge	Theoretical studies of molecular fluids and crystals 3yr - 3rd Inst.	Individual	11,000	05
Osman, M.D.M. Mechanical Eng. Concordia	Dynamics of mechanical systems in manufacturing 3yr - 2nd Inst.	Individual	28,600	13
Ossenkopp, K.P. Psychology Western Ontario	Discrimination of low intensity magnetic fields in pigeons 3yr - 1st Inst.		11,000	12
Ostiguy, G.L. Génie mécanique Ecole Polytech.	Comportement dynamique des plaques rectangulaires et des engrenages en plastique	Individuelle	8,500	13
Ostry, D.J. Psychology McGill	Motor control and perceptual-motor processing 3yr - 3rd Inst.	Individual	8,938	12
Otten, L. Engineering Guelph	Transfer properties of agricultural products 3yr - 3rd Inst.	Individual	11,154	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ottewell, D.F. TRIUMF British Columbia	* Principal investigator P.L.Walden(B.C.)	Project		27
Otto, F.D. Chemical Eng. Alberta	Gas-liquid operations 3yr - 2nd Inst.	Individual	17,050	04
Ouellet, Y.B. Génie civil Laval	Etude des spectres de houle 3ans - 2ième vers.	Individuelle	14,850	06
Ovenden, M.W. Geophys./Astron. British Columbia	Celestial mechanics and stellar dynamics 3yr - 2nd Inst.	Individual	11,000	17
Owen, M.D. Zoology Western Ontario	Physiology of invertebrate venoms 3yr - 3rd Inst.	Individual	10,116	01
Owens, J.N. Biology Victoria	Morphogenesis of vegetative and reproductive buds and shoots and sexual reproduction of conifers 3yr - 3rd Inst.	Individual	32,611	03
Ozier, I. Physics British Columbia	Forbidden transitions in spherical and symmetric tops 3yr - 2nd Inst.	Individual	34,144	15
Ozier, M. Psychology Dalhousie	Representational and retrieval mechanisms in Episodic memory 3yr - 1st Inst.	Individual	10,400	12
Ozin, G.A. Chemistry Toronto	Catalytic aspects of metal vapor chemistry 3yr - 1st Inst.	Individual	44,000	05
Pacey, P.D. Chemistry Dalhousie	Reaction kinetics of hydrocarbon radicals at high temperatures 3yr - 1st Inst.	Individual	14,000	05
Packer, J.A. Civil Engineering Toronto	Investigation of structural steel connections using bolts in tension 3yr - 2nd Inst.	Individual	10,450	06
Paddock, N.L. Chemistry British Columbia	Phosphazene and thiazyl chemistry 3yr - 3rd Inst.	Individual	33,939	05
Paden, J.W. Biology Victoria	1) Biology and systematics of the pezizales 2) Developmental morphology of ascomycetes 3yr - 3rd Inst.	Individual	9,662	03
Padmanabhan, R. Mathematics Manitoba	Equational logic with applications to groups and geometries	Individual	9,332	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Page, J.A. Chemistry Queen's	Electroanalytical chemistry / trace analysis * with G.W.Van Loon(Queen's) 3yr - 1st Inst.	Group	10,000	05
Page, J.H. Physics Queen's	Phase transitions and phonon interactions in solids 3yr - 1st Inst.		10,000	15
Page, S.S. Mathematics British Columbia	The structure and applications of finitely Psuedo Frobenius rings 3yr - 1st Inst.	Individual	2,722	16
Page, W.J. Microbiology Alberta	Transformation competence of Azotobacter vinelandii 3yr - 2nd Inst.	Individual	17,600	02
Pagurek, E. Sys Eng/Comp Sci. Carleton	Queueing system analysis and data base management systems 3yr - 3rd Inst.	Individual	14,977	11
Pai, C.H. Micro/Immunology McGill	Enterotoxin of Yersinia enterocolitica 3yr - 3rd Inst.	Individual	8,156	02
Pai, C.H. Microbiology Calgary	Enterotoxin of Yersinia enterocolitica	Individual	16,000	02
Paidoussis, M.P. Mechanical Eng. McGill	Flow-induced vibrations and instabilities of structures 3yr - 2nd Inst.	Individual	35,200	13
Paige, C.C. Computer Science McGill	Computational techniques in numerical linear algebra, optimization, statistics, and engineering 3yr - 3rd Inst.	Individual	19,204	07
Paivio, A.U. Psychology Western Ontario	Symbolic processes in memory and perception 3yr - 3rd Inst.	Individual	54,351	12
Pajari, G.E. Geology New Brunswick	1) Geologic study of the Precambrian rocks of Saint John, N.B. 2) The petrology of the Nashwaak Pluton, central New Brunswick	Individual	15,000	10
Paldus, J. Applied Math. Waterloo	Quantum theory of atomic and molecular electronic structure 3yr - 1st Inst.	Individual	32,000	05
Palepu, R. Chemistry St. F. Xavier	Viscosity studies on aqueous ternary systems and solid-liquid phase equilibria studies 3yr - 1st Inst.	Individual	4,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pallotta, D. Biology Laval	Amoebal-plasmodial differentiation in Physarum polycephalum 3yr - 2nd Inst.	Individual	26,400	02
Palmer, A.R. Zoology Alberta	Shell form and evolution in prosobranch gastropods: energetics of carbonate skeleton production 3yr - 2nd Inst.	Individual	14,300	18
Palmer, H.C. Geophysics Western Ontario	Paleomagnetism of late precambrian rock units 3yr - 1st Inst.	Individual	15,000	10
Palmer, W.M. Animal Science Manitoba	Study of factors influencing reproductive efficiency of domestic animals 3yr - 3rd Inst.	Individual	16,728	01
Paloheimo, J.E. Zoology Toronto	Structure of aquatic communities	Individual	25,000	18
Paloheimo, J.E. Zoology Toronto	Aquatic ecosystem dynamics in a range of functionally defined lake types * with W.G.Sprules, A.P.Zimmerman,N.C.Collins, H.A.Regier,H.H.Harvey, R.Knoechel(Toronto) 3yr - 3rd Inst.	Co-op	93,001	18
Pandey, J.N. Mathematics Carleton	Generalized functions and differential equations 3yr - 3rd Inst.	Individual	1,746	16
Panjer, H.H. Statistics Waterloo	Statistical problems in actuarial science 3yr - 3rd Inst.	Individual	3,020	14
Panuska, V. Electrical Eng. Concordia	Design and implementation of real-time identification algorithms	Individual	8,200	11
Papezik, V.S. Geology Memorial	Geology and industrial mineral deposits of volcanic rocks in the Avalon Zone of the Appalachian orogenic belt 3yr - 3rd Inst.	Individual	11,716	10
Papini, G.A. Physics/Astronomy Regina	Gravitational effects in astrophysics, elementary particle and solid state physics	Individual	12,060	15
Pappas, B.A. Psychology Carleton	Neurochemical mechanisms of behavioral development 3yr - 2nd Inst.	Individual	17,490	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Paquet, M. Sc. appliquées Qué.-Chicoutimi	Traitement d'une magnétite titanifère à faible teneur en titane 3ans - 2ième vers.	Individuelle	8,250	04
Paquette, L. Mathématiques Qué.-Trois-Riv	Programmes d'optimisation sur mini-ordinateur	Individuelle	6,000	07
Paquette, N. Biologie Laval	Etude du mécanisme moléculaire de la conversion génique et de la recombinaison génétique 3ans - 3ième vers.	Individuelle	16,909	02
Paradis, A. Mathématiques Qué.-Trois-Riv	Langages réguliers et langages disjonctifs 3ans - 1er vers.	Individuelle	1,944	16
Paradis, M.A. Génie mécanique Laval	Systèmes de chauffage domestiques à faible consommation d'énergie	Individuelle	5,500	13
Parameswaran, M.R. Mathematics Manitoba	Theory of summability 3yr - 1st Inst.	Individual	4,666	16
Paranjape, E.V. Physics Alberta	Surface excitations in metals 3yr - 3rd Inst.	Individual	8,938	15
Paranjape, V.V. Physics Lakehead	Research in solid state physics 3yr - 2nd Inst.	Individual	16,533	15
Pare, R. Mathematics Dalhousie	Applications of indexed categories 3yr - 1st Inst.	Individual	4,666	16
Parent, Y. Génie chimique Ecole Polytech.	Transfert de chaleur par "CALODUC" (heat pipe) 2ans - 2ième vers.	Individuelle	8,250	04
Parisel, C. Architecture Montréal	Optimisation des formes architecturales en fonction des accumulations de neige * avec L.D.Warshaw(Montréal)	Groupe	5,000	06
Parker, G.H. Biology Laurentian	Influence of environmental contaminants on health and reproductive thermoregulatory processes in homeotherms	Individual	5,000	01
Parker, L.A. Psychology New Brunswick	Behavioral CRs elicited by drug- paired flavor and buzzer CSs 3yr - 2nd Inst.	Individual	9,900	12
Parker, P.A. Electrical Eng. New Brunswick	Biological signal processing	Individual	7,400	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Parker, R.J. Animal Science Manitoba	1) Genetic correlation and response to selection. 2) A repeat mating design to measure response to selection and environmental trends. 3) Selection for efficiency of growth in mice 3yr - 1st Inst.	Individual	10,000	18
Parker, W.H. Biology Lakehead	Genetic differentiation and chemical systematics of true firs 3yr - 2nd Inst.	Individual	11,880	03
Parkinson, D. Biology Calgary	Terrestrial decomposer cycle studies 3yr - 3rd Inst.	Individual	57,974	18
Parkinson, G.V. Mechanical Eng. British Columbia	Research in low speed aerodynamics of airfoils and bluff bodies 3yr - 3rd Inst.	Individual	35,026	13
Parlar, M. Quantitative Method Concordia	Some new optimal control techniques and applications in management science	Individual	3,750	20
Parmenter, M.M. Math/Statistics Memorial	Dimension theory, isomorphism and related problems in group rings 3yr - 3rd Inst.	Individual	4,794	16
Parslow, G.R. Geology Regina	1) U and associated elements - their geochemistry & relation to mineralization in N. Sask. 2) Base & Precious metals - their geochem. & relation to mineralization in Flin Flon volcanics 3yr - 1st Inst.	Individual	11,000	10
Parsons, R.R. Physics British Columbia	Search for and basic understanding of heat-mirror materials for solar energy applications 3yr - 1st Inst.	Individual	22,420	15
Parsons, T.R. Inst. Oceanography British Columbia	Controlled aquatic ecosystem 3yr - 3rd Inst.	Individual	38,650	18
Parsons, T.S. Zoology Toronto	Studies on vertebrate anatomy 3yr - 1st Inst.	Individual	4,000	01
Pascual-Leone, J. Psychology York	The processes of metal centration and their developmental traces. 2yr - 2nd Inst.	Individual	11,990	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Passmore, J. Chemistry New Brunswick	Preparation and characterisation of compounds of interest in terms of current theories of bonding and stereochemistry	Individual	21,000	05
Pasternak, J.J. Biology Waterloo	Developmental processes in free-living nematodes 3yr - 2nd Inst.	Individual	29,700	02
Pasupathy, S. Electrical Eng. Toronto	Studies in digital communication 3yr - 1st Inst.	Individual	16,000	11
Paszner, L. Forestry British Columbia	Optimization of isolation and utilization of organosolv lignins 3yr - 2nd Inst.	Individual	11,000	04
Patchett, E.M. Mineral Eng. Alberta	Effects of slag properties on submerged arc welding 3yr - 2nd Inst.	Individual	9,350	04
Pate, B.D. Pharmaceutical Chem British Columbia	Studies of inorganic pollutants in human head hairs 3yr - 3rd Inst.	Individual	12,561	05
Patel, R.V. Electrical Eng. Concordia	Analysis and design of linear multivariable systems	Individual	10,200	11
Patel, T.R. Biochem./Biology Memorial	Proteases from food spoiling psychrotrophs of milk and milk-product origin 3yr - 2nd Inst.	Individual	9,900	03
Patera, J. Applied Math. Montréal	Etudes des propriétés de symétrie des systèmes quantiques	Individual	18,170	15
Paterson, C.G. Biology Mount Allison	Ecology of aquatic organisms	Individual	17,500	18
Patey, G.N. Chemistry British Columbia	Theoretical studies of polar liquids, electrolyte solutions and colloidal systems	Individual	14,000	05
Pathria, R.K. Physics Waterloo	1) Statistical mechanics of finite systems 2) Stochastic evolution of general systems 3yr - 2nd Inst.	Individual	16,533	15
Patrick, Z.A. Botany Toronto	Microbial associations and mycoparasitisms of plant pathogens in soil 3yr - 2nd Inst.	Individual	20,350	03
Patriquin, D.G. Biology Dalhousie	Nitrogen fixation and conservation of fixed nitrogen 3yr - 1st Inst.	Individual	30,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Patterson, D.D. Chemistry McGill	Interactions in solution 3yr - 2nd Inst.	Individual	39,600	05
Patterson, I. Génie chimique Ecole Polytech.	Modélisation et contrôle des procédés de transformation des polymères 3ans - 2ième vers.	Individuelle	13,200	04
Paul, A.H. Geography Regina	Saskatchewan thunderstorm project 3yr - 1st Inst.	Individual	5,000	17
Paul, D.A.L. Physics Toronto	Atomic collisions with positrons 3yr - 2nd Inst.	Individual	30,272	15
Paul, E.A. Soil Science Saskatchewan	The role of microorganisms and their metabolites in organic matter formation and plant nutrition 3yr - 3rd Inst.	Individual	20,000	03
Paul, M. Biology Victoria	1) Silkworm eggshell protein synthesis and structure 2) Fertilization-associated responses of marine invertebrate eggs 3yr - 3rd Inst.	Individual	20,533	02
Paul, R. Chemistry Calgary	Relaxation phenomena in condensed phases 3yr - 2nd Inst.	Individual	9,900	05
Paulson, K.V. Physics Saskatchewan	Fluctuations in geophysical phenomena	Individual	2,000	17
Paulson, K.V. Physics Saskatchewan	* Principal investigator D.J. McEwen (Sask.) 3yr - 1st Inst.	Co-op		17
Paulson, K.V. Physics Saskatchewan	* Principal investigator G.G. Shepherd (York)	Co-op		17
Pauze, F.J. Phytologie Laval	Relations hôtes-parasites des flétrissements fongiques	Individuelle	8,000	03
Pavlašek, T.J.F. Electrical Eng. McGill	Studies of the near field of E.M. scatterers and of complex antenna structures 3yr - 1st Inst.	Individual	7,100	11
Pawluk, S. Soil Science Alberta	Micromorphological characteristics and morphogenesis of chernozemic, luvisolic and solonchic soils 3yr - 3rd Inst.	Individual	35,026	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Payette, S. Phytologie Laval	Ecologie de la limite des forêts au Nouveau-Québec: segment baie d'Hudson - baie d'Ungava 3ans - 3ième vers.	Individuelle	14,494	18
Payment, P. Ctr. Rech.-Virolog. Québec-IAF	Evaluation virologique et bactériologique de l'air d'une maison de rapport 2ans - 1er vers.	Individuelle	19,000	18
Payne, N.C. Chemistry Western Ontario	Preparative and X-ray structural studies of asymmetric molecules 3yr - 1st Inst.	Individual	22,000	05
Payre, G.M.J. Génie chimique Sherbrooke	Modelage d'un réservoir subarctique: identification des paramètres 3ans - 2ième vers.	Individuelle	8,250	04
Peach, M.E. Chemistry Acadia	(a) Divalent sulfur compounds (b) Non-aqueous solvent systems 3yr - 3rd Inst.	Individual	14,373	05
Pear, J.J. Psychology Manitoba	A structural analysis of operant behavior 3yr - 1st Inst.	Individual	10,000	12
Pearce, T.H. Geological Sciences Queen's	Petrology of Archean and analogous phanerozoic igneous rocks 3yr - 3rd Inst.	Individual	14,494	10
Pearce, W.G. Earth/Planet. Sci. Toronto	Paleomagnetism of Paleozoic and Quaternary sedimentary deposits 3yr - 2nd Inst.	Individual	15,950	10
Pearlman, R.E. Biology York	DNA metabolism in Tetrahymena studied using biochemical, genetic and recombinant DNA techniques 3yr - 1st Inst.	Individual	38,000	02
Pearson, J.M. Physique Montréal	Physique nucléaire théorique 3ans - 2ième vers.	Individuelle	15,840	15
Pearson, T.L. Mathematics Acadia	Residual sets in the Banach space of bounded Darboux Baire- one functions 3yr - 2nd Inst.	Individual	2,120	16
Pechlaner, E. Mathematics Simon Fraser	Applied general relativity 3yr - 2nd Inst.	Individual	1,650	15
Peck, J.E.L. Computer Science British Columbia	Portability of systems	Individual	11,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Peck, S.B. Biology Carleton	Systematics, ecology, evolution, and zoogeography of scavenging beetles (mainly Silphidae and Leiodidae), and of cave-inhabiting invertebrates 3yr - 2nd Inst.	Individual	12,100	18
Pedersen, T.F. Oceanography British Columbia	Trace metal geochemistry of coastal sediments of British Columbia 3yr - 1st Inst.		14,000	10
Pederzoli, G. Quantitative Method Concordia	Analysis, geometry, and algorithms for the Shapley value of an n-person game	Individual	1,980	14
Pei, D.C.T. Chemical Eng. Waterloo	1) The interactions of local heat transfer rates from spheres in close vicinity 2) Heat transfer in solid-gas fluidized bed system 3) Fundamental studies on drying processes 3yr - 1st Inst.	Individual	23,000	04
Peirson, D.R. Biology Wilfrid Laurier	Nitrogen metabolism and growth analysis of crop and weed plants * with J.R.Elliott(Wilfrid Laurier) 3yr - 2nd Inst.	Group	8,800	03
Pekau, D.A. Civil Engineering Concordia	Seismic performance and design of building structures 3yr - 1st Inst.	Individual	11,500	06
Pelletier, D.H. Mathematics York	Structural properties of ideals on P-kappa-lambda 3yr - 1st Inst.	Individual	2,722	16
Pelletier, J.M.W. Mathematics York	Applications of category theory to analysis 3yr - 2nd Inst.	Individual	7,630	16
Peltier, W.R. Physics Toronto	Atmospheric and geophysical fluid dynamics 3yr - 2nd Inst.	Individual	38,500	17
Pelton, A.D. Génie métall. Ecole Polytech.	1) Calcul de diagrammes d'équilibre de systèmes multicomposants 2) Développement de nouvelles électrolytes à hautes températures 3ans - 3ième vers.	Individuelle	34,440	04
Penney, C.G. Psychology Memorial	Storage and retrieval of information in memory 3yr - 2nd Inst.	Individual	11,990	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pepin, H. INRS - Energie Québec-INRS	Irradiation de cibles solides à l'aide de rayonnement CO2 à haut flux 3ans - 3ième vers.	Individuelle	21,583	15
Pepin, Y. Chimie Qué-Montréal	Synthèse de nouvelles beta-lactames 3ans - 3ième vers.	Individuelle	11,000	05
Pepper, J.M. Chem & Chem Eng. Saskatchewan	Chemical studies on wood-, straw- and artificial-lignins 3yr - 3rd Inst.	Individual	6,522	05
Percival, P.W. TRIUMF Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser)	Project		27
Percival, P.W. TRIUMF Simon Fraser	* Principal investigator D.G.Fleming(B.C.)	Project		27
Percival, P.W. TRIUMF Simon Fraser	IEP-69 - Muonium reaction intermediates * with K.E.Newman, T.N.Bell(Simon Fraser), D.G.Fleming(B.C.)	Project	24,000	27
Percy, J.R. Astronomy Toronto	Theory and observation of variable stars 3yr - 3rd Inst.	Individual	16,909	17
Perkins, E.A. Mathematics British Columbia	Studies in the theory of stochastic processes		3,300	16
Perks, A.M. Zoology British Columbia	Biologically active peptides from the pituitary and other sources: studies of their nature and actions in different vertebrates, and during fetal life 3yr - 3rd Inst.	Individual	30,322	01
Perlin, A.S. Chemistry McGill	Chemistry of carbohydrates and carbohydrases 3yr - 2nd Inst.	Individual	44,000	05
Perlman, M.M. Physique Sherbrooke	The effect of surface and bulk traps on charge transport in insulators 3ans - 3ième vers.	Individuelle	5,435	15
Peronnet, F. Education physique Montréal	* Chercheur principal G.R.Brisson(Qué.-Trois-Rivières) 3ans - 1er vers.	Groupe		01
Perrault, C.R. Computer Science Toronto	A computer model of conversation 3yr - 1st Inst.	Individual	16,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Perrault, G. Génie minéral Ecole Polytech.	Recherche en métallogénie, minéralogie et cristallographie	Individuelle	10,000	10
Perron, J.M. Biologie Laval	Influence de la plante-hôte et d'extraits de plante sur les insectes 3ans - 2ième vers.	Individuelle	19,800	01
Perroud, M. Mathématiques appl. Ecole Polytech.	Systèmes relativistes avec spin plus que ou égal à 1	Individuelle	4,000	16
Perry, C.W. Psychology Concordia	Duality and dissociation in hypnosis 3yr - 1st Inst.	Individual	11,500	12
Persinger, M.A. Psychology Laurentian	Immunoresponse following sudden environmental changes + with H.Falter(Laurentian)	Group	2,500	12
Person, C.D. Botany British Columbia	Genetic studies of host-parasite interaction 3yr - 3rd Inst.	Individual	51,935	03
Perz, J.M. Physics Toronto	Electrons in metals and amorphous semiconductors 3yr - 2nd Inst.	Individual	20,735	15
Pesotan, H. Math/Statistics Guelph	Algebraic aspects of factorial design 3yr - 3rd Inst.	Individual	4,469	14
Peter, R.E. Zoology Alberta	Neuroendocrine and endocrine control mechanisms in teleost fishes 3yr - 3rd Inst.	Individual	46,038	01
Peterman, R.M. Biolog. Sciences Simon Fraser	Mortality processes in pacific salmon 3yr - 2nd Inst.	Individual	22,000	18
Peters, E. Metallurgical Eng. British Columbia	Hydrometallurgy of non-ferrous metals 3yr - 2nd Inst.	Individual	22,550	04
Peters, M.H. Psychology Guelph	Performance differences between the preferred and nonpreferred hand 3yr - 3rd Inst.	Individual	2,295	12
Peters, R.H. Biology McGill	Predictive models of mass flow in pelagic ecosystems 3yr - 3rd Inst.	Individual	24,156	18
Peters, R.H. Biology McGill	* Principal investigator J.Kalff(McGill) 3yr - 3rd Inst.	Co-op		18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Petersen, E.R. School of Business Queen's	The efficient operation of a rail line 3yr - 3rd Inst.	Individual	12,078	20
Petersen, N.O. Chemistry Western Ontario	Aggregation reactions in membranes 3yr - 1st Inst.		15,000	02
Peterson, A.W. Civil Engineering Alberta	Channels formed in sediment 3yr - 3rd Inst.	Individual	14,494	06
Peterson, C.A. Biology Waterloo	Cell structure in relation to intercellular and intracellular transport in higher plants 3yr - 2nd Inst.	Individual	17,820	03
Peterson, L.K. Chemistry Simon Fraser	Homogeneous organometallic catalysts	Individual	11,500	05
Peterson, R.C. Geological Sciences Queen's	Charge density analysis of mineral structures	Individual	11,000	10
Peterson, R.L. Botany & Genetics Guelph	Development and structure of plant cells and tissues 3yr - 2nd Inst.	Individual	34,650	03
Peterson, R.L. Zoology Toronto	Systematic mammalogy 3yr - 1st Inst.	Individual	11,000	18
Petit, T.L. Psychology Toronto	Toward a psychobiological understanding of mental deficiency 3yr - 3rd Inst.	Individual	8,938	12
Petkau, A.U. Mathematics British Columbia	Design and analysis of (Sequential) clinical trials 3yr - 2nd Inst.	Individual	5,249	14
Petras, M.L. Biology Windsor	Studies of genetic variants in populations of the house mouse <i>Mus musculus</i> 3yr - 2nd Inst.	Individual	24,200	18
Petrides, M. Psychology McGill	Behavioural effects of lesions to the arcuate and principalis cortex of the monkey 3yr - 2nd Inst.	Individual	10,670	12
Petrusic, W.M. Psychology Carleton	Adaptive judgmental processes 3yr - 1st Inst.	Individual	10,000	12
Peucker, T.K. Geography Simon Fraser	Computer-assisted data input for digital terrain models	Individual	10,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pezolet, M. Chimie Laval	Etude spectroscopique de molécules d'intérêt biologique 3ans - 2ième vers.	Individuelle	14,300	05
Pfaffenberger, W.E. Mathematics Victoria	Study of applications of the relative spectrum of an element in a real Banach algebra 3yr - 1st Inst.	Individual	1,666	16
Pham-Gia, T. Physique/math Moncton	L'estimation d'une densité de probabilité 3ans - 1er vers.	Individuelle	3,222	16
Phan, C.T. Sciences biolog. Montréal	La culture de tissus de porte- greffes de pommiers: études physiologiques et biochimiques pour résoudre un problème de propagation 3ans - 1er vers.	Individuelle	10,000	03
Phan, L.C. Sc. appliquées Qué-Chicoutimi	Recherche relative au givrage des lignes de transport d'énergie * avec P.McComber, J.L.Laforte(Qué.-Chicoutimi) 3ans - 1er vers.	Groupe	25,100	11
Pharis, R.P. Biology Calgary	Physiological mechanisms and metabolic aspects of hormonally induced growth and differentiation in higher plants, especially trees 3yr - 3rd Inst.	Individual	60,390	03
Phi, D.T. Génie Moncton	Stratégies de contrôle de la puissance et de la tension pour stabiliser un système d'énergie	Individuelle	5,600	11
Philippin, G.A. Mathématiques Laval	Principes de maximum, inégalités isopérimétriques et problèmes mal posés 3ans - 3ième vers.	Individuelle	3,143	16
Phillip, L.E. Animal Science Macdonald Coll.	Intake of alfalfa silage in relation to duodenal amino acid pattern in lambs 3yr - 1st Inst.	Individual	9,000	01
Phillips, A.G. Psychology British Columbia	Brain-stimulation and behavior 3yr - 2nd Inst.	Individual	48,190	12
Phillips, C.R. Chemical Eng. Toronto	Momentum, heat and mass transfer and reaction modelling 3yr - 3rd Inst.	Individual	29,271	04
Phillips, G.D. Animal Science Manitoba	Studies of factors affecting and controlling renal and alimentary electrolyte, water and crystalloid metabolism in domestic livestock 3yr - 3rd Inst.	Individual	35,660	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Phillips, J. Mathematics Dalhousie	Invariants and automorphisms of C-algebras 3yr - 1st Inst.	Individual	12,442	16
Phillips, J.E. Zoology British Columbia	Membrane transport processes, their regulation, and the physiology of excretion and osmoregulation in insects 3yr - 3rd Inst.	Individual	46,941	01
Phillips, J.P. Botany & Genetics Guelph	Transcriptional control of gene expression and early development in Drosophila 3yr - 2nd Inst.	Individual	18,700	02
Phillips, M.J. Chem Eng/App Chem Toronto	Effect of alkali metal oxide on activity of iron catalysts in hydrogenation reactions 3yr - 1st Inst.	Individual	7,400	04
Philogene, B.J.R. Biologie Ottawa	Environmental effects on insect growth and metabolism 3ans - 2ième vers.	Individuelle	18,700	01
Phipps, J.E. Plant Science Western Ontario	Studies in the theory and methodology of systematics 3yr - 3rd Inst.	Individual	30,195	18
Picard, A. Génie civil Laval	Assemblages dans les charpentes préfabriquées (acier et béton) 3ans - 1er vers.	Individuelle	11,000	06
Picard, G. Vivres Laval	Utilisation de l'azote inorganique par les algues d'eau douce 3ans - 1er vers.	Individuelle	6,820	03
Piccinini, R.A.A. Math/Statistics Memorial	K-theory . OW-complexes Fibrations and gauge transformations 3yr - 2nd Inst.	Individual	7,630	16
Picciotto, C.E. Physics Victoria	Problems in intermediate-energy theory 3yr - 3rd Inst.	Individual	6,643	15
Picciotto, C.E. Physics Victoria	* Principal investigator L.P. Robertson (Victoria) 3yr - 2nd Inst.	Group		27
Pick, R.J. Mechanical Eng. Waterloo	Finite element analysis and photo-elasticity applied to fracture mechanics 3yr - 1st Inst.	Individual	15,000	13
Pickard, M.A. Microbiology Alberta	Control of adenylate metabolism in Beneckea Natriegens 3yr - 2nd Inst.	Individual	15,950	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pickerrill, R.K. Geology New Brunswick	Palaeontology, ichnology, sedimentology and stratigraphy of selected Palaeozoic sequences in Eastern Canada 3yr - 2nd Inst.	Individual	18,150	10
Pickett, E.E. Industrial Eng. Toronto	Monitoring and control in complex manufacturing processes 3yr - 2nd Inst.	Individual	14,300	20
Picot, J.J.C. Chemical Eng. New Brunswick	Transport phenomena 3yr - 2nd Inst.	Individual	18,150	04
Piekarski, K. Mechanical Eng. Waterloo	1) Design of new composite materials 2) Properties of bone 3yr - 1st Inst.	Individual	16,500	13
Pielou, E.C. Biology Lethbridge	The response of vegetation to varied terrain	Individual	6,750	18
Pierce, S.J. Mathematics Toronto	Linear maps leaving matrix varieties invariant	Individual	9,332	16
Piercy, G.R. Metal/Mat. Science McMaster	Hydrogen in metals. Microanalysis of materials using a scanning transmission electron microscope 3yr - 2nd Inst.	Individual	11,000	04
Piercy, G.R. Metal/Mat. Science McMaster	* Principal investigator G.R.Purdy(McMaster) 3yr - 1st Inst.	Co-op		04
Pierre, R. Mathématiques Laval	Inégalités du type Markov- Bernstein pour certaines classes de fonctions 3ans - 3ième vers.	Individuelle	1,047	16
Piers, E. Chemistry British Columbia	New synthetic methods and total synthesis of natural products 3yr - 1st Inst.	Individual	42,000	05
Pietrzykowski, T. Computer Science Acadia	Non-professional users environment * with W.M.Brehaut, S.J.Matwin, I.Tomek, J.H.Bradford, G.R.Marshall, I.Hansen(Acadia)	Group	45,000	07
Pigeon, M. Génie civil Laval	La durabilité des bétons soumis à de longs cycles de gel-dégel et l'étude des propriétés du béton froid 3ans - 3ième vers.	Individuelle	9,662	06
Piggott, M.R. Ctr. Stud. Mater. Toronto	Chemical and physical interactions affecting the mechanical properties of fibre composites 3yr - 2nd Inst.	Individual	18,150	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Piggott, M.R. Ctr. Stud. Mater. Toronto	Internal stresses in fibre composites * with G.T.Will, R.D.Venter(Toronto) 3yr - 2nd Inst.	Co-op	22,000	13
Pihl, R.O. Psychology McGill	Subtoxic mercury levels, thiamine deficiency, and the social behavior of monkeys * with F.R.Ervin(McGill) 3yr - 2nd Inst.	Group	18,590	12
Pillay, D.T.N. Biology Windsor	Gene expression in aging cells - post-transcriptional and translational control 3yr - 1st Inst.	Individual	18,000	02
Pilliar, R.M. Metal/Mat. Science Toronto	Implant alloys - processing and properties 3yr - 1st Inst.	Individual	12,400	04
Pilon, J.G. Sciences biolog. Montréal	Insectes aquatiques et terrestres: composition de faune, cycle biologique, écologie	Individuelle	16,000	18
Pilt, A.A. Physics McMaster	Nuclear structure studies with heavy ions 3yr - 2nd Inst.		11,000	22
Pilt, A.A. Physics McMaster	* Principal investigator J.A.Kuehner(McMaster)	Co-op		22
Pincock, D.G. Electrical Eng. Tech Univ N.S.	Underwater telemetry 3yr - 2nd Inst.	Individual	10,010	11
Pincock, J.A. Chemistry Dalhousie	Mechanistic studies in ground and excited state organic chemistry	Individual	16,000	05
Pincock, R.E. Chemistry British Columbia	1) Heterogeneous catalysis of some organic reactions. 2) Synthesis and properties of compounds having synchronous rotation of groups	Individual	17,000	05
Pinder, K.L. Chemical Eng. British Columbia	1) Water pollution control 2) Energy recovery and conservation 3) Rheology of dispersed systems 3yr - 2nd Inst.	Individual	17,050	04
Pindera, J.T. Civil Engineering Waterloo	Research in experimental mechanics: foundations and methods of strength optimization 3yr - 2nd Inst.	Individual	23,650	13
Pinel, J.P.J. Psychology British Columbia	Conditioned and unconditioned defensive burying 3yr - 2nd Inst.	Individual	10,890	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pinel-Alloul, B.G. Sciences biolog. Montréal	Etude du zooplancton (communauté, dynamique de populations, production secondaire) des lacs et rivières du territoire de la Baie James et de la région de Montréal 3ans - 2ième vers.	Individuelle	8,800	18
Pink, D.A.H. Physics St. F. Xavier	Theoretical studies of model and biomembranes and related systems	Individual	15,370	15
Pinnington, E.H. Physics Alberta	Spectroscopic studies of atomic energy levels 3yr - 2nd Inst.	Individual	23,399	15
Pintar, M.M. Physics Waterloo	Nuclear spin relaxation in solids 3yr - 3rd Inst.	Individual	29,205	15
Pip, E. Biology Winnipeg	The dynamics of a multi-species submerged aquatic plant-snail community 3yr - 1st Inst.	Individual	2,000	18
Piper, C.J. Op. Man. Area Gr. Western Ontario	Urban transit simulation model * with P.J.Kuzdrall (Western Ontario)	Group	6,400	20
Piper, D.J.W. Geology Dalhousie	Deep water sedimentology and quaternary history, offshore Eastern Canada	Individual	30,000	10
Pirlot, P.L. Sciences biolog. Montréal	Recherches sur les structures neurosensorielles des vertébrés/en rapport avec l'écologie et le comportement 3ans - 3ième vers.	Individuelle	22,012	01
Piron, D.L. Génie metall. Ecole Polytech.	Contribution à une nouvelle technologie d'électroextraction du plomb et du zinc 3ans - 3ième vers.	Individuelle	15,985	04
Pitt, M.D. Plant Science British Columbia	Phenological and ecological dynamics of Western Canadian Grasslands 3yr - 2nd Inst.	Individual	8,800	18
Plambeck, J.A. Chemistry Alberta	Electroanalytical studies 3yr - 2nd Inst.	Individual	13,200	05
Plamondon, A.P. Aménag./sylvicult. Laval	Etude des effets de l'exploitation forestière sur le régime d'écoulement et la qualité de l'eau 3ans - 2ième vers.	Individuelle	14,300	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee	
Nom Département Université	But de la subvention	Genre	Montant \$ Comité	
Plamondon, R. Génie électrique Ecole Polytech.	Acquisition et identification des caractères manuscrits par accélérométrie	Individuelle	8,800	11
Plante, F.A. Mathématiques Qué-Montréal	Théorie et applications du modèle structuré 3ans - 2ième vers.	Individuelle	1,958	14
Platt, C.R. Mathematics Manitoba	Transferable semilattices	Individual	4,666	16
Platt, J.R. Psychology McMaster	Response differentiation 3yr - 1st Inst.	Individual	18,700	12
Platt, R.G. Geology Lakehead	Petrogenetic studies of alkaline and related rocks 3yr - 1st Inst.	Individual	11,000	10
Platt, T. Biology Dalhousie	Scale effects in aquatic microcosms: Photoadaptation in a turbulent light field 3yr - 1st Inst.	Individual	13,000	18
Pleszczynska, W.K. Biology Ottawa	Studies of behavioral ecology and evolution of avian mating systems 3yr - 3rd Inst.	Individual	16,909	18
Plett, E.G. Mech. & Aeronaut. Carleton	Pyrolysis for producing liquid and gaseous fuels from coal 3yr - 2nd Inst.	Individual	9,900	04
Plischke, M. Physics Simon Fraser	Theory of intercalated materials and phase transitions 3yr - 1st Inst.	Individual	15,090	15
Plitt, L.R. Mineral Eng. Alberta	Coal flotation 3yr - 3rd Inst.	Individual	6,323	04
Plumtree, A. Mechanical Eng. Waterloo	Damage accumulation and fatigue crack propagation 3yr - 1st Inst.	Individual	21,400	04
Pocobelli, G. Physics Saskatchewan	* Principal investigator H.M. Skarsgard (Sask.) 3yr - 2nd Inst.	Group		15
Podesta, R.B. Zoology Western Ontario	Comparative epithelial physiology 3yr - 3rd Inst.	Individual	24,156	02
Poe, A.U. Chemistry Toronto	Kinetic studies of metal complexes	Individual	27,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Poirier, G.G. Biologie Sherbrooke	Mécanisme de sécrétion: structure et fonction de la membrane plasmique 3ans - 3ième vers.	Individuelle	18,117	02
Poland, J.C. Mathematics Carleton	Infinite groups and model theory 3yr - 1st Inst.	Individual	1,166	16
Polanyi, J.C. Chemistry Toronto	Molecular dynamics of chemical reactions and energy transfer processes 3yr - 3rd Inst.	Individual	120,780	05
Poling, G.W. Min./Min. Proc. British Columbia	Flotation of the copper-bearing mineral vallerite 3yr - 1st Inst.	Individual	11,400	04
Polis, M.P. Génie électrique Ecole Polytech.	Estimation et identification dans les systèmes à paramètres répartis 3ans - 3ième vers.	Individuelle	13,286	11
Polivy, J. Psychology Toronto	* Principal investigator C.P.Herman(Toronto) 3yr - 3rd Inst.	Group		12
Poll, J.D. Physics Guelph	Research in molecular and astrophysics 3yr - 1st Inst.	Individual	19,210	15
Pollack, G.S. Biology McGill	Neural and genetic control of auditory behavior 3yr - 1st Inst.	Individual	15,000	01
Pollak, V.A. Electrical Eng. Saskatchewan	Application of engineering methods to medicine and biology 3yr - 2nd Inst.	Individual	36,300	11
Pollard, A. Mechanical Eng. Calgary	Turbulence modelling and two- phase flows	Individual	4,000	13
Pollard, A. Mechanical Eng. Queen's	Turbulence modelling and two- phase flows 3yr - 1st Inst.	Individual	7,000	13
Pomeranz, B.H. Zoology Toronto	Role of endorphins in pain modulation 3yr - 1st Inst.	Individual	42,500	01
Pomerleau, A. Génie électrique Laval	Développement d'équipements pour évaluation et traitement d'images	Individuelle	5,000	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pomerleau, A. Psychologie Qué-Montréal	Etude des premières interactions et des premiers apprentissages de l'organisme humain dans son environnement par des indices physiologiques et comportementaux 3ans - 3ième vers.	Individuelle	8,334	12
Pomeroy, R.K. Chemistry Simon Fraser	Synthetic and kinetic studies in organo-ruthenium chemistry	Individual	11,500	05
Pond, G.S. Inst. Oceanography British Columbia	Inlet and coastal circulation, dynamics and mixing 3yr - 3rd Inst.	Individual	28,987	10
Ponnappalli, R. Mathematics Windsor	Second order efficiency of vector estimators 3yr - 3rd Inst.	Individual	1,543	14
Pons, E.S. Chemistry Alberta	Spectroelectrochemical and electroanalytical investigations of the solution-electrolyte interface	Individual	15,000	05
Ponzo, P.J. Applied Math. Waterloo	Nonlinear oscillations 3yr - 2nd Inst.	Individual	3,815	16
Poole, R.J. Biology McGill	Ion transport in plant cells 3yr - 2nd Inst.	Individual	24,750	03
Poorooshasb, H. Civil Engineering Concordia	Application of yield theory of sand to solution of certain civil engineering problems 3yr - 2nd Inst.	Individual	13,200	06
Popplewell, N. Mechanical Eng. Manitoba	Shock analysis and prevention 3yr - 3rd Inst.	Individual	11,836	13
Porac, C.K. Psychology Victoria	An investigation of eye movement mechanisms in sighting dominance 3yr - 3rd Inst.	Individual	6,522	12
Porter, G.E. Chemistry British Columbia	Photochemistry and photophysics of inorganic compounds 3yr - 2nd Inst.	Individual	11,000	05
Posluszny, U. Botany & Genetics Guelph	Floral biology of the Hydrocharitaceae 3yr - 1st Inst.	Individual	12,500	03
Posner, M.J.M. Industrial Eng. Toronto	Stochastic models in operational research 3yr - 1st Inst.	Individual	19,000	20

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Postlethwaite, J. Chem & Chem Eng. Saskatchewan	Corrosion of metals in aqueous solutions 3yr - 1st Inst.	Individual	13,900	04
Potyondy, J.G. Civil Engineering Tech Univ N.S.	Composite action between masonry walls and steel beams with shear connectors	Individual	8,000	06
Poulin, G. Genie Moncton	* Chercheur principal M.S.Eid(Moncton)	Groupe		04
Poulsen, R.S. Computer Science McGill	Scene segmentation methods and scene segmentation error measures	Individual	10,000	07
Pounder, J.R. Mathematics Alberta	Stability study of nonlinear second-order difference equations 3yr - 2nd Inst.	Individual	1,393	16
Poupard, M. Genie mécanique Ecole Polytech.	* Chercheur principal R.Gauvin(Ecole Poly.) 3ans - 3ième vers.	Groupe		13
Poussart, D. Genie électrique Laval	Signaux bioélectriques: aspects stochastiques et dynamiques 3ans - 2ième vers.	Individuelle	21,450	11
Poutissou, J.M.A. TRIUMF British Columbia	* Chercheur principal D.Bryman(Victoria)	Projet		27
Poutissou, J.M.A. TRIUMF British Columbia	* Chercheur principal M.D.Hasinoff(B.C.)	Projet		27
Poutissou, J.M.A. TRIUMF British Columbia	* Chercheur principal D.F.Measday(B.C.)	Projet		27
Poutissou, J.M.A. TRIUMF British Columbia	* Chercheur principal M.D.Hasinoff(B.C.)	Projet		27
Poutissou, J.M.A. TRIUMF British Columbia	* Chercheur principal D.Bryman(Victoria)	Projet		27
Powell, J. Chemistry Toronto	The organometallic and bioinorganic chemistry of the transition metals 3yr - 2nd Inst.	Individual	28,600	05
Power, G. Biology Waterloo	The structure and stability of northern fish stocks	Individual	11,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Powrie, W.D. Food Science British Columbia	Dynamics of Maillard reaction products in model and food systems 3yr - 3rd Inst.	Individual	36,234	02
Pradhan, A.K. Physics Windsor	Atomic processes in laboratory and astrophysical plasmas 3yr - 2nd Inst.		13,000	17
Prasad, T. Civil Engineering Waterloo	Modeling and estimation in biomedical and physiological systems 3yr - 3rd Inst.	Individual	11,232	11
Prasad, V.S. Mathématiques Sherbrooke	Recherche en théorie ergodique 3ans - 2ième vers.		3,300	16
Prasada, E. INRS-Télécomm. Québec-INRS	Digital coding and processing of video signals 3yr - 1st Inst.	Individual	13,900	11
Prentice, J.D. Physics Toronto	CHEER physics design study * with R.K.Carnegie, C.K.Hargrove(Carleton), D.G.Stairs(McGill), N.Isgur(Toronto), W.R.Frisken(York)	Project		23
Prentice, J.D. Physics Toronto	Project 77.02 * with J.Hebert(Ottawa), J.M.Trischuk(McGill)	Project	230,000	23
Prepas, E. Zoology Alberta	Phosphorus predictions for prairie lakes 3yr - 2nd Inst.	Individual	13,200	18
Prescott, J.F. Vet. Micro./Immun. Guelph	Campylobacter fetus ss. jejuni diarrhoea in animals and man 3yr - 2nd Inst.	Individual	8,250	02
Pressey, A.W. Psychology Manitoba	The role of spatial discrimination and attention deployment in visual perception 3yr - 2nd Inst.	Individual	7,700	12
Pressley, G.M. Psychology Western Ontario	Picture/imagery effects on memory 3yr - 1st Inst.	Individual	9,000	12
Preston, M.A. Physics Saskatchewan	Theoretical studies in nuclear physics * with E.L.Tomusiak(Sask.) 3yr - 2nd Inst.	Group	25,300	15
Prestwich, W.V. Physics McMaster	Neutron and photon interactions 3yr - 1st Inst.	Individual	28,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Prevec, L.A. Biology McMaster	Structure-function relationships of VSV phosphoprotein 3yr - 1st Inst.	Individual	21,000	02
Price, A.G. Geography Toronto	Snowmelt and runoff in a forest	Individual	8,500	10
Price, R.A. Geological Sciences Queen's	Cordilleran tectonics and evolution of continental lithosphere	Individual	29,000	10
Price, S.J. Mechanical Eng. McGill	Flow-induced vibrations	Individual	11,000	13
Price, W.L. Opér./syst. de déc Laval	Applications de la programmation mathématique	Individuelle	5,000	07
Pride, C.R. Geology Ottawa	Rare earth element geochemistry of "granitic" and volcanic rocks	Individual	8,000	10
Prince, R.H. Physics York	Surface processes and the electronic excitation of molecular films 3yr - 2nd Inst.	Individual	13,002	15
Pritchard, G. Biology Calgary	Life histories and predation in insects 3yr - 3rd Inst.	Individual	24,156	18
Pritchard, H.O. Chemistry York	Kinetic, thermodynamic and quantum studies on simple molecules 3yr - 2nd Inst.	Individual	51,700	05
Pritchett, C.J. Physics Calgary	Structure and evolution of extragalactic objects	Individual	9,000	17
Probert, R.L. Computer Science Ottawa	Problems of bounded computational complexity and program testing 3yr - 3rd Inst.	Individual	16,788	07
Probst, D.K. Computer Science Concordia	Sequential and parallel algorithms for symbolic algebraic computation	Individual	7,700	07
Proctor, J.T.A. Horticultural Sci. Guelph	Photosynthesis, respiration, and assimilate partitioning of healthy and pest stressed woody fruit plants 3yr - 2nd Inst.	Individual	17,820	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Protz, R. Land Resource Sc Guelph	1) Genesis and classification of Northern Ontario gleysolic, podzolic, regosolic and organic soils	Individual	7,000	10
Proulx, D. Génie mécanique Sherbrooke	Matériaux composites: amiante (chrysotile) - matrice métallique 3ans - 3ième vers.	Individuelle	8,738	04
Provan, J.W. Mechanical Eng. McGill	Probabilistic fracture and fatigue failure of metals and composites 3yr - 2nd Inst.	Individual	19,800	13
Prud'homme, J. Chimie Montréal	Synthèse, caractérisation et propriétés des copolymères séquencés 3ans - 3ième vers.	Individuelle	14,977	05
Prud'homme, R.E. Chimie Laval	Les propriétés des polymères à l'état solide	Individuelle	18,000	05
Prugovecki, E. Mathematics Toronto	Stochastic quantum field theory for extended particles 3yr - 2nd Inst.	Individual	17,193	15
Ptito, M. Psychologie Qué.-Trois-Riv	Les substrats neurologiques du transfert interhémisphérique 3ans - 3ième vers.	Individuelle	8,938	12
Puddephatt, R.J. Chemistry Western Ontario	Organometallic chemistry related to catalysis	Individual	33,000	05
Pufahl, D.E. Civil Engineering Saskatchewan	Protection of buried pipelines from scour by Arctic sea ice 3yr - 3rd Inst.	Individual	9,662	06
Pugh, R.E. Physics Toronto	I.P.P. Component from High Energy Physics Awards	Project	644,250	23
Pugh, R.E. Physics Toronto	I.P.P.-4.4 - Administration	Project	30,000	23
Pugh, R.E. Physics Toronto	I.P.P.-4.3 - Summer School	Project	5,000	23
Pugh, R.E. Physics Toronto	I.P.P.-4.1 - Visiting Scientists	Project	17,200	23
Pugh, R.E. Physics Toronto	I.P.P.-4.5 - Travel	Project	9,500	23

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pugh, R.E. Physics Toronto	I.P.P.-4.2 - Appointments - Research Scientists	Co-op	240,000	23
Pulfrey, D.L. Electrical Eng. British Columbia	1) Preparation of surface junctions and thin film crystalline semiconductors. 2) Design and evaluation of charge controllers for photovoltaic power systems. 3) Preparation of a low level light detector 3yr - 1st Inst.	Individual	22,200	11
Pulleyblank, W.R. Computer Science Calgary	Applications of linear programming to combinatorial optimization	Individual	2,174	07
Pulleyblank, W.R. Combin./Optimiz. Waterloo	Applications of linear programming to combinatorial optimization	Individual	6,500	07
Pullman, N.J. Mathematics Queen's	Combinatorics and matrix theory 3yr - 1st Inst.	Individual	7,000	16
Purdy, G.R. Metal/Mat. Science McMaster	Phase transformations in materials 3yr - 1st Inst.	Individual	29,400	04
Purdy, G.R. Metal/Mat. Science McMaster	Structures formed by rapid continuous cooling of engineering materials * with G.C.Weatherly(Toronto), G.R.Piercy(McMaster) 3yr - 1st Inst.	Co-op	13,900	04
Purdy, W.C. Chemistry McGill	Application of modern analytical techniques to biological analyses 3yr - 1st Inst.	Individual	30,000	05
Purton, C.R. Physics York	Study of stellar radio-emitting objects 3yr - 3rd Inst.	Individual	21,137	17
Purzitsky, N. Mathematics York	Schottky spaces 3yr - 1st Inst.	Individual	5,666	16
Putnam, C.A. Physical Education Dalhousie	Interactions in segment motion sequences 3yr - 1st Inst.	Individual	11,000	21

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Oadri, S.U. Biology Ottawa	1) Resource and habitat partitioning, interactions and growth between the young-of-the-year of three species of Centrarchidae in Kettle Island Bay in the Ottawa River 2) Systematics and distribution of the genus Careproctus, family Liparidae, in the North Pacific Ocean 3yr - 2nd Inst.	Individual	8,800	18
Quackenbush, R.W. Mathematics Manitoba	The structure of finite algebras and Rosenberg's theorem 3yr - 2nd Inst.	Individual	13,564	16
Queen, A. Chemistry Manitoba	1) Complexation reactions of boronic acids 2) Rates and mechanism of solvolysis of phosphoranes 3yr - 2nd Inst.	Individual	11,000	05
Quick, M.C. Civil Engineering British Columbia	Sediment transport induced by combined wave and current action	Individual	8,000	06
Quigley, R.M. Civil Engineering Western Ontario	Applications of soil mineralogy and physicochemistry 3yr - 2nd Inst.	Individual	25,850	10
Quilliam, M.A. Chemistry McMaster	Chemical derivatization, chromatography and mass spectrometry of polar organic compounds 3yr - 3rd Inst.	Individual	11,000	05
Quinn, J.P. Mathematics St. F. Xavier	Stabilization and parameter estimation for control dynamical systems 3yr - 2nd Inst.	Individual	2,750	16
Quintana, V.H. Electrical Eng. Waterloo	Numerical optimization methods for power systems 3yr - 1st Inst.	Individual	15,700	11
Qureshi, A. Biology New Brunswick	Mechanism of enhancement of viral pathogenecity in pesticide treated cells	Individual	10,000	02
Qureshi, A.H. Electrical Eng. Windsor	Electrical insulation for application in high voltage power systems 3yr - 1st Inst.	Individual	14,900	11
Rabenstein, D.L. Chemistry Alberta	NMR and other analytical studies of peptides, proteins and red blood cells	Individual	31,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rabinowitz, F.M. Psychology Memorial	A rule based approach to problem solving in children 3yr - 3rd Inst.	Individual	9,541	12
Racine, M.L. Mathématiques Ottawa	Structure des algèbres de Jordan 3ans - 2ième vers.	Individuelle	7,627	16
Racine, R.J. Psychology McMaster	Epileptiform models of neural plasticity 3yr - 3rd Inst.	Individual	35,630	12
Rackham, D.W. Psychology Mount Allison	A search for directed Pavlovian respondents in the three-spined stickleback, gasterosteus aculeatus 3yr - 2nd Inst.	Individual	3,850	12
Rackoff, C.W. Computer Science Toronto	Computational complexity and automata theory 3yr - 1st Inst.	Individual	12,500	07
Racz, G.J. Soil Science Manitoba	1. Studies of native and applied phosphorus in soils 2. Chemistry and plant availability of soil minor elements 3yr - 1st Inst.	Individual	17,000	03
Radford, K.U. Adm. Studies York	Contributions to industrial engineering-information communication and control in purposeful organizations	Individual	13,000	20
Radhakrishnan, T. Computer Science Concordia	Man machine communication systems for information processing	Individual	7,000	07
Radjavi, H. Mathematics Dalhousie	Non-self-adjoint operator algebras 3yr - 1st Inst.	Individual	19,441	16
Raeside, J.I. Biomed Sciences Guelph	Endocrinology of the testis 3yr - 1st Inst.	Individual	26,000	01
Raghavan, V.G.S. Agric. Eng. Macdonald Coll.	Heat transfer investigations in agitated particulate beds 3yr - 3rd Inst.	Individual	13,286	13
Raghavan, V.V. Computer Science Regina	Automatic techniques for classification and indexing	Individual	9,500	07
Raghuveer, M.R. Electrical Eng. Manitoba	* Principal investigator E.Kuffel(Manitoba)	Group		11
Rahe, J.E. Biolog. Sciences Simon Fraser	Biology and control of onion white rot and other vegetable crop diseases 3yr - 2nd Inst.	Individual	24,970	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rahman, M. Mathematics Carleton	Discrete orthogonal polynomials in one and two variables with applications 3yr - 2nd Inst.	Individual	7,627	16
Rahman, M. Applied Math. Tech Univ N.S.	Waves and thermal stratification in large bodies of water	Individual	1,166	16
Rahman, M.A. Electrical Eng. Memorial	Development of hysteresis and permanent magnet motors 3yr - 1st Inst.	Individual	11,300	11
Rahman, Q.I. Math/statistique Montréal	Certains problèmes dans la théorie des fonctions d'une variable complexe 3ans - 2ième vers.	Individuelle	21,193	16
Rains, M.A. Mathematics Saskatchewan	Investigations in positive definite functions	Individual	515	16
Rainville, J. Mathématiques Qué.-Trois-Riv	* Chercheur principal G.R.Brisson(Qué.-Trois-Rivières) 3ans - 1er vers.	Groupe		01
Raithby, G.D. Mechanical Eng. Waterloo	Analysis of fluid flows with heat and mass transfer 3yr - 2nd Inst.	Individual	24,750	13
Rajagopalan, V. Ingénierie Qué.-Trois-Riv	Recherche et développement de nouveaux convertisseurs électroniques de puissance à rendement amélioré et à faibles répercussions sur le réseau électrique de distribution * avec A.Sevigny,A.Jacob(Qué.- Trois Rivières) 3ans - 1er vers.	Groupe	15,000	11
Rajaratnam, N. Civil Engineering Alberta	1) Hydraulics of effluent & thermal discharges into rivers & lakes, 2) Hydraulics of erosion, 3) Hydraulics of lakes & reservoirs 3yr - 1st Inst.	Individual	28,500	06
Raju, M.V.S. Biology Regina	Morphological and developmental studies in selected vascular plants 3yr - 3rd Inst.	Individual	7,247	03
Ralston, T.A. Mathematics Wilfrid Laurier	Embeddability of finite partial planes in finite projective planes 3yr - 3rd Inst.	Individual	1,651	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ramachandran, V. Electrical Eng. Concordia	A study of multivariable networks with applications to two-dimensional digital signal processing 3yr - 1st Inst.	Individual	20,800	11
Ramalho, R.S. Génie chimique Laval	Thermodynamique (calorimétrie et propriétés PVT des fluides), traitement des eaux résiduaires industrielles 3ans - 1er vers.	Individuelle	17,400	04
Ramamurthy, A.S. Civil Engineering Concordia	1) Applications of 2-dimensional branching flow theory to specific open channel models 2) Characteristics of cavitation damage and noise 3yr - 3rd Inst.	Individual	20,533	06
Raman, S. Epid. & Comm. Med. Ottawa	1) Application of nonparametric density estimation techniques 2) Competing risk analysis 3) Generalized risk measures and biological interaction	Individual	1,190	14
Ramaswami, B. Metal/Mat. Science Toronto	Creep - fatigue - environmental interactions 3yr - 1st Inst.	Individual	17,400	04
Ramprashad, F. Zoology Guelph	Comparative morphometric and dimensional analysis of the vertebrate organ of hearing and vestibular system	Individual	5,000	01
Ramsay, J.O. Psychology McGill	The statistical basis of psychological scaling 3yr - 1st Inst.	Individual	17,000	12
Ramshaw, R.S. Electrical Eng. Waterloo	Modelling, analysis and simulation of converters with electric drives	Individual	6,500	11
Ranalli, G. Geology Carleton	Role of rheology in geodynamics 3yr - 1st Inst.	Individual	11,500	10
Rand, R.P. Biolog. Sciences Brock	Interactions and structure of both model and intact biological membranes 3yr - 3rd Inst.	Individual	36,234	02
Randall, D.J. Zoology British Columbia	Gill structure, acid-base regulation and the evolution of air breathing in aquatic vertebrates 3yr - 2nd Inst.	Individual	56,100	01
Rangacharyulu, C. Physics Saskatchewan	Nuclear structure studies by electron and hadronic probes	Individual	15,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ranger, K.B. Mathematics Toronto	Separation in Stokes flow 3yr - 3rd Inst.	Individual	17,457	16
Rank, G.H. Biology Saskatchewan	Function of 2(mu)m DNA in yeast 3yr - 2nd Inst.	Individual	19,580	02
Rank, W. Chemistry Laurentian	1) Synthetic approaches to B-lactam antibiotics 2) Reaction of nitroalkenes with oxazolinones 3) Photolysis & thermolysis of a-azido acyl compounds	Individual	5,000	05
Rankin, D. Physics Alberta	Magnetotellurics and micropulsations 3yr - 1st Inst.	Individual	20,000	10
Rankin, G.W. Mechanical Eng. Windsor	Fluidic control devices using non-Newtonian fluids	Individual	9,000	13
Rankin, S.A. Mathematics Western Ontario	Semigroups and automata 3yr - 1st Inst.	Individual	5,166	16
Rao, A.S. Mathematics Concordia	Partial and abstract differential equations, operator theory 3yr - 2nd Inst.	Individual	2,120	16
Rao, J.N.K. Mathematics Carleton	Analysis of categorical sample survey data 3yr - 2nd Inst.	Individual	27,962	14
Rao, N.D. Electrical Eng. Calgary	Digital studies in power system network solution, planning and control 3yr - 3rd Inst.	Individual	14,252	11
Raouf, A. Industrial Eng. Windsor	Investigations pertaining to combined manual and decision tasks 3yr - 1st Inst.	Individual	13,600	20
Raphael, R. Mathematics Concordia	Topics in noncommutative rings 3yr - 3rd Inst.	Individual	6,284	16
Rapport, E.W. Zoology Toronto	Developmental homeostasis 3yr - 1st Inst.	Individual	10,500	01
Rapson, W.H. Chem Eng/App Chem Toronto	Wood chemistry 3yr - 1st Inst.	Individual	55,000	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rasmussen, H. Applied Math. Western Ontario	Analysis of free surface problems with applications to petroleum reservoir engineering and non-traditional methods of metal machining 3yr - 1st Inst.	Individual	5,666	16
Rasper, V.F. Food Science Guelph	Analysis and physical testing of cell wall polysaccharides of cereal and legume origin 3yr - 2nd Inst.	Individual	11,000	03
Rastall, P. Physics British Columbia	Gravitation and astrophysics 3yr - 2nd Inst.	Individual	17,193	15
Rattray, B.A. Mathematics McGill	Duality, functional completeness and the Stone-Weierstrass theorem 3yr - 2nd Inst.	Individual	5,086	16
Rau, M.E. Parasitology McGill	Experimental parasitology 3yr - 1st Inst.	Individual	14,000	01
Rauch, J.C. Zoology Manitoba	Temperature regulation: Adaptations in energy utilization by endotherms in temperate zone environments 3yr - 1st Inst.	Individual	10,300	01
Rauk, A. Chemistry Calgary	1) Theoretical and experimental studies of optical activity of organic and organometallic systems 2) Structure and reactivity of organometallic and electron-deficient systems * with D.F.Tavares(Calgary)	Group	16,000	05
Rauser, W.E. Botany & Genetics Guelph	Metal binding in plants: role in metal tolerance and normal development 3yr - 1st Inst.	Individual	20,000	03
Rawlings, N.C. Vet. Phys. Sci. Saskatchewan	Sexual maturation in the bovine male 3yr - 2nd Inst.	Individual	14,520	01
Ray, M. Anatomy Manitoba	Localization of gene(s) using cytological features 3yr - 1st Inst.	Individual	16,000	02
Rayburn, D.R. Physics Waterloo	Computational astrophysics	Individual	7,000	17
Rayburn, M.C. Mathematics Manitoba	Properties and extensions of completely regular T2 spaces 3yr - 3rd Inst.	Individual	1,746	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Raymond, G.P. Civil Engineering Queen's	Railroad track and geotechnical support design 3yr - 3rd Inst.	Individual	24,156	06
Raymond, J. Informatique Ottawa	Studies in the architecture of high level language(s) machines	Individuelle	5,000	07
Razavy, M. Physics Alberta	Scattering theory and many-body problem 3yr - 2nd Inst.	Individual	20,911	15
Read, J.D. Psychology Lethbridge	Rehearsal, recognition and reproduction of pictorial stimuli 3yr - 1st Inst.	Individual	3,000	12
Read, L.A.A. Physics Wilfrid Laurier	Dielectric measurements of low-loss liquids at frequencies greater than 50 GHz 3yr - 3rd Inst.	Individual	7,609	15
Read, R.C. Combin./Optimiz. Waterloo	Application of computer techniques to graph-theoretical and combinatorial problems 3yr - 2nd Inst.	Individual	16,720	07
Reader, R.J. Botany & Genetics Guelph	Seasonality studies involving abandoned pasture and peat bog plant populations 3yr - 3rd Inst.	Individual	18,117	18
Reardon, E.U. Earth Sciences Waterloo	Modelling water chemical evolution in the unsaturated and saturated zones/ion pair dissociation constants/silicate mineral dissolution kinetics 3yr - 1st Inst.	Individual	18,000	10
Reberg, D.C. Psychology Guelph	Determinants of feature positive and feature negative effects in Pavlovian conditioning 3yr - 3rd Inst.	Individual	10,870	12
Reddy, D.V. Fac of Engineering Memorial	1) Offshore structure-medium interaction: a) buried pipelines b) foundation shakedown, and c) semisubmersibles/floating platforms using infinite elements 2) Fixed offshore platform analysis: a) response to nonstationary excitation and b) joint fatigue 3yr - 3rd Inst.	Individual	22,344	13
Reddy, S.P. Physics Memorial	Molecular spectroscopy with infrared, laser, and optical methods 3yr - 2nd Inst.	Individual	18,755	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Redford, D.E. Near East. Studies Toronto	* Principal investigator M.Thompson(Toronto) 3yr - 2nd Inst.	Co-op		21
Redmann, R.E. Plant Ecology Saskatchewan	Physiological ecology of grassland plants 3yr - 3rd Inst.	Individual	20,533	03
Redwood, R.G. Civ Eng/App Mech McGill	1) Instability in elasto-plastic webs 2) Framing action with composite beams 3yr - 1st Inst.	Individual	22,500	06
Reed, J.K. Chemistry Toronto	Structural and dynamic properties of the Na ⁺ -channel in biomembranes 3yr - 1st Inst.	Individual	20,000	02
Reed, T.E. Zoology Toronto	Acute effects of alcohol on peripheral nerve functions of intact mice 3yr - 2nd Inst.	Individual	22,550	01
Reed, W.J. Mathematics Victoria	Effects of environmental variability in animal resource management 3yr - 2nd Inst.	Individual	1,650	18
Reeve, J. Electrical Eng. Waterloo	Investigation of high voltage AC DC power systems	Individual	27,600	11
Reeves, L.W. Chemistry Waterloo	Colloidal liquid crystals and interface chemistry 3yr - 2nd Inst.	Individual	51,700	05
Regan, D.M. Physiology Dalhousie	Visual information processing that underlies the perception of depth motion in man 3yr - 3rd Inst.	Individual	42,273	12
Regener, E. Computer Science Concordia	Studies in completely determined parallel structures	Individual	4,000	07
Regier, H.A. Zoology Toronto	The ecology of Great Lakes rehabilitation 3yr - 3rd Inst.	Individual	36,234	18
Regier, H.A. Zoology Toronto	* Principal investigator J.E.Paloheimo(Toronto) 3yr - 3rd Inst.	Co-op		18
Reid, D.M. Biology Calgary	Plant hormones as transducer/amplifiers of environmental change and stress 3yr - 1st Inst.	Individual	36,000	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Reid, I. Mater. Sci. Group Western Ontario	Atomic collisions in solids	Individual	8,900	04
Reid, J. Eng. Physics McMaster	Investigations of molecular gas lasers 3yr - 2nd Inst.		20,000	15
Reid, J. Botany Manitoba	Taxonomy, pathology, and sporulation of the Ascomycetes and related conidial forms * with J.A.Dowsett(Winnipeg) 3yr - 2nd Inst.	Group	9,800	03
Reid, J.G. Phys./Health Ed. Queen's	Determination of body segment parameters by computerized tomography	Individual	3,000	01
Reid, L.D. Aerospace Studies Toronto	Manned-simulator studies/ground and flight vehicles 3yr - 1st Inst.	Individual	17,500	13
Reid, N. Mathematics British Columbia	Nonparametric methods in the analysis of survival data 3yr - 1st Inst.	Individual	4,060	14
Reid, R.G.E. Biology Victoria	Feeding and digestion in molluscs 3yr - 2nd Inst.	Individual	13,200	01
Reif, Z.F. Mechanical Eng. Windsor	Measurement of noise exposure and control of noise 3yr - 3rd Inst.	Individual	10,870	13
Reifel, C.W. Anatomy Queen's	Enteroendocrine cells in the teleostean digestive tract 3yr - 3rd Inst.	Individual	6,643	01
Reilly, I.G. Engineering Laurentian	Leaching of copper and uranium ores 3yr - 3rd Inst.	Individual	8,135	04
Reilly, N.R. Mathematics Simon Fraser	Varieties of certain classes of algebras 3yr - 1st Inst.	Individual	12,442	16
Reilly, P.M. Chemical Eng. Waterloo	Applied regression methods particularly with error in all the variables for engineering models	Individual	16,000	04
Reimer, K.J. Chemistry Victoria	Synthetic and solution investigations of metalloporphyrin chemistry	Individual	11,000	05
Reinbergs, E. Crop Science Guelph	Evaluation of recurrent selection based upon pure lines produced by the doubled haploid method in barley 3yr - 2nd Inst.	Individual	25,300	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee
Nom Département Université	But de la subvention	Genre	Montant \$ Comité
Reinsborough, V.C. Chemistry Mount Allison	Fast reaction kinetics in colloidal and micellar solutions 3yr - 2nd Inst.	Individual	8,800 05
Reis, C.M. Mathematics Western Ontario	Semigroups, automata and languages 3yr - 2nd Inst.	Individual	2,967 16
Reischer, C. Mathématiques Qué.-Trois-Riv	Méthodes informationnelles pour prendre décision dans l'incertain 3ans - 1er vers.	Individuelle	5,166 16
Reiswig, H.M. Redpath Museum McGill	Enhancement of benthic community biomass by biologically generated turbulence 3yr - 2nd Inst.	Individual	11,000 18
Reisz, R.R. Zoology Toronto	Adaptive radiation of Paleozoic reptiles 3yr - 3rd Inst.	Individual	17,519 01
Reiter, R. Computer Science British Columbia	Automatic theorem proving and its applications 3yr - 3rd Inst.	Individual	16,500 07
Remole, A. Optometry Waterloo	Border enhancement as an index of visual performance 3yr - 1st Inst.	Individual	14,500 12
Rempel, G.L. Chemical Eng. Waterloo	Catalytic properties of transition metal compounds 3yr - 2nd Inst.	Individual	22,650 04
Rennie, D.A. Soil Science Saskatchewan	Studies of the nitrogen problem in Chernozemic soils 3yr - 3rd Inst.	Individual	19,325 03
Renninger, G.H. Physics Guelph	Circadian rhythms of invertebrate visual systems 3yr - 1st Inst.	Individual	16,800 01
Renouf, D. Psychology Memorial	Studies of echolocation, maternal and social behaviour, and speed determination in harbour sea's 3yr - 1st Inst.	Individual	15,500 01
Repka, J. Mathematics Toronto	Group representations and orbital integrals 3yr - 1st Inst.	Individual	4,666 16
Resnick, L. Physics Carleton	Elementary particle physics at several hundred GeV energy 3yr - 1st Inst.	Individual	3,500 15
Revusky, S.H. Psychology Memorial	Homeostatic regulation through feeding 3yr - 2nd Inst.	Individual	31,240 12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee
Nom Département Université	But de la subvention	Genre	Montant \$ Comité
Reyes, G.E. Math/statistique Montréal	Géométrie différentielle synthétique 3ans - 1er vers.	Individuelle	15,553 16
Reynolds, P.H. Physics/Geology Dalhousie	K-Ar, 40Ar/39Ar geochronology, paleomagnetism, oxygen isotopic studies 3yr - 1st Inst.	Individual	18,000 10
Reynolds, W.F. Chemistry Toronto	Investigations of molecular structure with particular emphasis on investigation of molecular mobility in liquids and liquid structure 3yr - 2nd Inst.	Individual	27,500 05
Reza, F. Electrical Eng. Concordia	Operator theoretic approach for circuits & systems 3yr - 1st Inst.	Individual	9,600 11
Rezanoff, T. Civil Engineering Saskatchewan	Performance of lapped splices in reinforced concrete loaded beyond yielding of the steel 3yr - 3rd Inst.	Individual	10,870 06
Rheault, F.M. INRS - Energie Québec-INRS	Simulation d'un système de chauffage solaire à stockage saisonnier	Individuelle	6,000 13
Rhentulla, A.H. Mathematics Alberta	Topics in infinite solvable groups 3yr - 1st Inst.	Individual	11,500 16
Rhodes, E. Chemical Eng. Waterloo	Transport phenomena studies in multiphase systems 3yr - 2nd Inst.	Individual	16,115 04
Ribenboim, P. Math/Statistics Queen's	Arithmetical questions in algebra and geometry 3yr - 2nd Inst.	Individual	21,193 16
Ribes, L. Math/Statistics Carleton	The structure of profinite groups 3yr - 1st Inst.	Individual	9,332 16
Ribner, H.S. Aerospace Studies Toronto	Aeroacoustics * with W.G.Richarz(Toronto) 3yr - 2nd Inst.	Group	34,100 13
Rice, J.E. Physics/Astronomy Brandon	Spectroscopic studies of short period spectrum variable Ap stars 3yr - 3rd Inst.	Individual	3,020 17
Rice, R.G. Civil Engineering Toronto	Role of transit in urban land development 3yr - 3rd Inst.	Individual	9,662 06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rice, W.B. Mechanical Eng. Queen's	Friction in metalworking processes 3yr - 2nd Inst.	Individual	14,443	13
Richard, P.J.H. Géographie Montréal	Paléobiogéographie post- Wisconsinienne du Québec 3ans - 3ième vers.	Individuelle	14,494	18
Richards, J.F. Food Science British Columbia	Ante and postmortem influences on skeletal muscle properties 3yr - 2nd Inst.	Individual	18,447	01
Richards, W.R. Chemistry Simon Fraser	1) Chlorophyll synthesis enzymology; 2) Localization of light-harvesting proteins 3yr - 1st Inst.	Individual	9,500	02
Richardson, M.F. Chemistry Brock	1) Metal complexes 2) X-ray structure determinations	Individual	13,000	05
Richarz, W.G. Aerospace Studies Toronto	* Principal investigator H.S.Ribner(Toronto) 3yr - 2nd Inst.	Group		13
Richer, H.B. Geophys./Astron. British Columbia	Galactic and extragalactic carbon stars, globular cluster white dwarfs, luminosity function of white dwarfs and quasars 3yr - 2nd Inst.	Individual	16,500	17
Richer, H.B. Geophys./Astron. British Columbia	* Principal investigator G.A.H.Walker(B.C.) 3yr - 1st Inst.	Co-op		17
Richer, J.C. Chimie Montréal	Stéréochimie et mécanismes en série cyclique	Individuelle	8,000	05
Richmond, L.B. Combin./Optimiz. Waterloo	Asymptotic enumeration 3yr - 3rd Inst.	Individual	4,190	16
Riddell, J. Mathematics Victoria	Additive prime number theory 3yr - 1st Inst.	Individual	1,944	16
Ridley, B.A. Chemistry York	Measurement of minor constituents in the atmosphere 3yr - 1st Inst.	Individual	18,000	17
Rieckhoff, K.E. Physics Simon Fraser	Optical studies of energy transfer processes and of weak molecular interaction in liquids and low temperature solids 3yr - 3rd Inst.	Individual	30,437	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Riehm, C.R. Mathematical Sci. McMaster	Quadratic and hermitian forms 3yr - 2nd Inst.	Individual	13,564	16
Riemenschneider, S.D. Mathematics Alberta	Approximation of functions and weak type inequalities 3yr - 2nd Inst.	Individual	13,564	16
Rigaud, M.A.J. Génie métall. Ecole Polytech.	Etudes physico-chimiques en métallurgie extractive et sidérurgie 3ans - 2ième vers.	Individuelle	19,250	04
Rigler, F. Biology McGill	Prediction of effects of nutrient enrichment on lakes 3yr - 2nd Inst.	Individual	47,300	18
Rimrott, F.P.J. Mechanical Eng. Toronto	Research in engineering mechanics 3yr - 3rd Inst.	Individual	12,682	13
Ringuet, M. Chimie - biologie Qué.-Trois-Riv	Synthèse de dimères de porphyrines d'intérêt photosynthétique	Individuelle	11,000	05
Rink, R.E. Electrical Eng. Alberta	Information utility in feedback control 3yr - 3rd Inst.	Individual	6,956	11
Riordon, J.S. Systems Eng. Carleton	Communications and control	Individual	9,700	11
Ripley, E.A. Plant Ecology Saskatchewan	Microscale analysis of the effects of weather, soil and genotype on the growth of wheat 3yr - 3rd Inst.	Individual	6,039	18
Rising, J.D. Zoology Toronto	Studies of geographic variation, evolution, and systematics of birds and other vertebrates 3yr - 2nd Inst.	Individual	16,500	18
Risk, M.J. Geology McMaster	1) Responses of modern and ancient reefs to siltation 2) Depositional environment of the Cardium Sandstone, based on trace fossils 3yr - 3rd Inst.	Individual	14,494	10
Risk, M.J. Geology McMaster	* Principal investigator B.Kendrick(Waterloo) 2yr - 1st Inst.	Co-op		03
Ristic, V. Electrical Eng. Toronto	Acoustic, acousto-optic, and integrated optics devices 3yr - 1st Inst.	Individual	24,000	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ritchie, J.C. Botany Toronto	Late-Quaternary ecology of Northwest America and North Africa 3yr - 3rd Inst.	Individual	42,273	18
Ritchie, J.C. Botany Toronto	Quaternary ecosystems of the Laurentide-Cordilleran corridor of Western Canada * with J.A.Westgate, D.D.Williams(Toronto), P.Fritz(Waterloo), J.V.Matthews(Geological Survey), C.R.Harrington(National Museum)	Co-op	50,000	21
Riva, J. Géologie Laval	Study of Ordovician graptolites (a continuing project) 3ans - 3ième vers.	Individuelle	6,600	10
Rival, I. Math/Statistics Calgary	Graphs, partially ordered sets and lattices: problems on the common ground 3yr - 3rd Inst.	Individual	8,380	16
Rivers, C.U.S. Geology Memorial	Investigation of metamorphism and tectonism in the Grenville province of western Labrador	Individual	9,000	10
Rivest, L.P. Statistics Toronto	1) A design with correlations 2) Joint theory for M and L estimators 3) On distributions orderings 3yr - 3rd Inst.	Individual	44	14
Rivest, L.P. Mathématiques Laval	1) A design with correlations 2) Joint theory for M and L estimators 3) On distributions orderings 3ans - 3ième vers.	Individuelle	2,224	14
Rizk, F.A.M. INRS - Energie Québec-INRS	Caractéristiques haute tension de gaz comprimés et isolateurs pollués 3ans - 2ième vers.	Individuelle	11,000	11
Rizk, M. Elec. & Comp. Eng. McMaster	Computer-aided circuit analysis and design	Individual	8,900	11
Rizkalla, S. Civil Engineering Manitoba	Air leakage characteristics in reinforced concrete 3yr - 2nd Inst.	Individual	9,900	06
Robb, E.J. Botany & Genetics Guelph	Ultrastructure of host-parasite relationships 3yr - 2nd Inst.		18,000	03
Robblee, A.R. Animal Science Alberta	The role of dietary and hormonal factors in the nutrition of chicks and poult 3yr - 3rd Inst.	Individual	23,438	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Roberge, F.A. Génie bio-méd. Ecole Polytech.	* Chercheur principal R.A.L.Guardo(Ecole Polytech.) 3ans - 2ième vers.	Groupe		11
Robert, J.P. Infor. & rech opér. Montréal	1) Algorithmes d'analyse statistique multidimensionnelle 2) Analyse biostatistique de problèmes et de données cliniques	Individuelle	1,190	14
Robert, M. Psychologie Montréal	Apprentissage social et développement cognitif * avec A.Fortin(Montréal), C.Charbonneau(Sherbrooke) 3ans - 2ième vers.	Groupe	8,800	12
Roberts, D.C.S. Psychology Carleton	Self-administration of drugs and measurement of reinforcement strength 3yr - 2nd Inst.	Individual	7,700	12
Roberts, F.D.K. Computer Science Victoria	Approximation algorithms 3yr - 2nd Inst.	Individual	9,350	07
Roberts, L.E. Psychology McMaster	Mechanisms of visceral learning 3yr - 1st Inst.	Individual	12,500	12
Roberts, L.G. Math/Statistics Queen's	Algebraic K-theory and commutative algebra 3yr - 1st Inst.	Individual	15,553	16
Roberts, W.A. Psychology Western Ontario	Studies of animal memory 3yr - 2nd Inst.	Individual	18,590	12
Robertson, A.A. Chemistry McGill	Surface chemistry of polymers 3yr - 1st Inst.	Individual	5,000	05
Robertson, A.M. Psychology McGill	Neural substrates of the psychoactive effects of amphetamine and neuroleptic drugs 3yr - 1st Inst.		12,000	12
Robertson, B.C. Physics Queen's	* Principal investigator W.McLatchie(Queen's)	Group		22
Robertson, B.E. Physics/Astronomy Regina	X-ray crystallography * with R.Barton(Regina) 3yr - 1st Inst.	Group	14,000	05
Robertson, H.A. Biology Carleton	Immunosuppressive factors during early pregnancy in the sow, cow and ewe	Individual	5,000	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Robertson, L.P. Physics Victoria	IEP-91 - Assistants support, University of Victoria * with G.A.Beer,D.A.Bryman,G.R.Mason, A.Olin(Victoria)	Project	74,400	27
Robertson, L.P. Physics Victoria	* Principal investigator D.A.Bryman(Victoria)	Project		27
Robertson, L.P. Physics Victoria	* Principal investigator E.L.White(B.C.)	Project		27
Robertson, L.P. Physics Victoria	* Principal investigator D.A.Axen(B.C.)	Project		27
Robertson, L.P. Physics Victoria	Intermediate Energy Physics Research Scientist at the University of Victoria * with C.E.Picciotto,G.A.Beer,G.R.Mason, C.S.Wu,D.E.Lobb (Victoria) 3yr - 2nd Inst.	Group	34,150	27
Robertson, R.E. Chemistry Calgary	The temperature of dependance of solvolytic reactions	Individual	20,000	05
Robertson, R.J. Biology Queen's	Selective forces and the evolution of breeding strategies in birds 3yr - 2nd Inst.	Individual	27,500	18
Robichaud, Y. INRS - Energie Québec-INRS	Traitement en parallèle appliqué aux problèmes de réseaux électriques 3ans - 1er vers.	Individuelle	7,000	11
Robillard, L. Génie civil Ecole Polytech.	Transfert de chaleur et mouvements induits dans un fluide 3ans - 1er vers.	Individuelle	12,500	13
Robillard, P.N. Génie électrique Ecole Polytech.	L'étude et le développement d'un outil automatique de conception de logiciel	Individuelle	7,400	11
Robin, J. Biologie Sherbrooke	Caractérisation physico-chimique des virus des poissons 3ans - 2ième vers.	Individuelle	6,600	02
Robin, P.Y.F. Geology Toronto	Rock deformation and its effects on fluid flow: mechanisms, mineralogical and petrological consequences	Individual	16,000	10
Robins, M.J. Chemistry Alberta	Compounds related to nucleic acids	Individual	38,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Robinsky, E.I. Civil Engineering Toronto	Environmental impact of sloped mine tailing deposits 3yr - 2nd Inst.	Individual	11,000	06
Robinson, A.G. Entomology Manitoba	Taxonomy and biology of aphids 3yr - 3rd Inst.	Individual	15,701	18
Robinson, A.M. Electrical Eng. Alberta	Absorption in CO2 at elevated temperatures 3yr - 2nd Inst.	Individual	15,213	15
Robinson, C.W. Chemical Eng. Waterloo	Mass transfer, mixing and kinetic rate studies of chemical and biochemical systems 3yr - 3rd Inst.	Individual	15,985	04
Robinson, C.W. Chemical Eng. Waterloo	* Principal investigator M.Moo- Young(Waterloo) 3yr - 2nd Inst.	Co-op		21
Robinson, D.E. Chemical Eng. Alberta	The thermodynamic properties of hydrocarbon and related fluids 3yr - 3rd Inst.	Individual	35,914	04
Robinson, E.A. Chemistry Toronto	Problems in structural chemistry: 1) C-H hydrogen bonding; 2) Bent-bonds; 3) Vibrational constants and chemical bonding 3yr - 1st Inst.	Individual	6,500	05
Robinson, F.J. Engineering Lakehead	Investigation of trochoidal expanders and pumps 3yr - 3rd Inst.	Individual	8,455	13
Robinson, G.A. Biomed Sciences Guelph	Mineral metabolism and vitellogenesis in poultry and Japanese quail 3yr - 2nd Inst.	Individual	15,950	01
Robinson, G.G.C. Botany Manitoba	1) Autecology of common planktonic and benthic algal species. 2) Production and ecology of epiphytic algae 3yr - 2nd Inst.	Individual	11,000	18
Robinson, H. Civ Eng/Eng Mech McMaster	Multiple stud capacities in ribbed metal deck	Individual	8,000	06
Robinson, J.E. Aerospace Studies Toronto	Vacuum device technology for energy systems and industrial applications	Individual	8,000	04
Robinson, P.T. Geology Dalhousie	The petrology, structure and origin of the ocean crust	Individual	19,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Robson, J.M. Physics McGill	Ultra-cold and very-cold neutrons; neutron shielding	Individual	17,000	22
Roche, R.S. Chemistry Calgary	Theoretical and experimental studies of protein structure 3yr - 3rd Inst.	Individual	36,234	02
Rochester, M.G. Physics Memorial	Theoretical global geophysics and planetary physics	Individual	6,660	10
Rochon, F.D. Chimie Qué-Montréal	Synthèse et étude de complexes de platine avec des molécules d'intérêt biologique * avec R.Melanson, P.C.Kong(Qué.- Montréal) 3ans - 2ième vers.	Groupe	17,600	05
Rochon, G. Photogrammétrie Laval	Analyse numérique des données recueillies par télédétection 3ans - 1er vers.	Individuelle	12,000	06
Rod, D.L. Math/Statistics Calgary	Problems in second order averaging and continuation	Individual	7,000	16
Rodda, M. Educational Psych. Alberta	Cognition and communication in deaf and hearing impaired children and adolescents 3yr - 3rd Inst.	Individual	5,918	12
Roder, J.C. Micro/Immunology Queen's	The production of human monoclonal antibodies on an industrial scale	Individual	14,000	02
Rodkiewicz, C.M. Mechanical Eng. Alberta	Effect of arterial atherosclerotic formations on blood mass flow distribution; lubrication; flow of bile; atherosclerotic lesions in the light of physical exercise 3yr - 2nd Inst.	Individual	22,550	13
Rodrigo, R.G.A. Chemistry Wilfrid Laurier	Synthesis of natural products	Individual	15,000	05
Rodrigues, C.G. Geology Windsor	Paleoecology of late pleistocene foraminifera and ostracoda from the western Champlain basin	Individual	8,500	10
Roe, P.H.O. Systems Design Waterloo	Graph theoretic modelling & analysis of physical systems 3yr - 1st Inst.	Individual	8,400	11
Roder, P.L. Geological Sciences Queen's	Electron microprobe and experimental study of basaltic rocks 3yr - 1st Inst.	Individual	23,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Roeder, R.C. Astronomy Toronto	Cosmological investigations 3yr - 1st Inst.	Individual	23,000	17
Roegiers, J.C. Civil Engineering Toronto	Stability of underground openings	Individual	9,000	10
Roff, D.A. Biology McGill	Phenological adaptation in crickets 3yr - 1st Inst.	Individual	20,000	18
Roff, J.C. Zoology Guelph	Biological oceanography and larval fish feeding studies	Individual	16,000	18
Rogers, C. Applied Math. Waterloo	Moving boundary problems in applied mathematics. Mixed boundary value problems in elasticity. 3yr - 3rd Inst.	Individual	11,173	16
Rogers, J.S. Physics Alberta	Electron tunneling with ferromagnets 3yr - 2nd Inst.	Individual	3,300	15
Rogers, J.S. Industrial Eng. Toronto	Models for pre-investment planning of capacity expansion	Individual	11,000	20
Rogers, J.T. Mech. & Aeronaut. Carleton	Mixing, heat transfer and optimization problems in nuclear reactors 3yr - 1st Inst.	Individual	14,000	13
Rogers, R.J. Mechanical Eng. New Brunswick	Simulation and experimental studies of beam vibration with fluid-filled, flexible clearance support interaction 3yr - 3rd Inst.	Individual	12,682	13
Rogers, R.R. Meteorology McGill	Studies in precipitation physics 3yr - 3rd Inst.	Individual	14,494	17
Rogers, T.D. Mathematics Alberta	Applications of mathematics to problems in biology 3yr - 3rd Inst.	Individual	6,284	16
Rogerson, R.J. Geology/Geography Memorial	Cirque glaciers in Northern Labrador	Individual	6,000	10
Rohan, K. Génie civil Sherbrooke	Susceptibilité des argiles à l'érosion et modélisation du phénomène 3ans - 1er vers.	Individuelle	11,000	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rokne, J.G. Computer Science Calgary	Solution of non-linear operator equations. Applications of interval arithmetic. Generalized interval arithmetic. Testing of algorithms. List processing algorithms. Bounds of polynomials over intervals. Interval least squares 3yr - 3rd Inst.	Individual	16,788	07
Rolfsen, D.P.O. Mathematics British Columbia	Topology of manifolds and knot theory	Individual	3,499	16
Rollin, A.L. Génie chimique Ecole Polytech.	Technologie des procédés de polymérisation en régime continu 3ans - 1er vers.	Individuelle	11,400	04
Rollo, C.D. Biology McMaster	Integrating the physiology, ethology and ecology of invertebrates: a systems analysis 3yr - 2nd Inst.		18,700	18
Romo, W.J. Physics Carleton	Nuclear reaction studies 3yr - 1st Inst.	Individual	3,500	15
Ronald, K. Biolog. Sciences Guelph	The ecophysiology of seals and polar bears 3yr - 3rd Inst.	Individual	38,155	01
Rondeau, D.B. Psychologie Moncton	Pharmacobehavioral studies on the involvement of substance p in motor activity in rats	Individuelle	3,296	12
Rondeau, D.B. Psychologie Qué-Montréal	Pharmacobehavioral studies on the involvement of substance P in motor activity in rats 3ans - 2ième vers.	Individuelle	4,400	12
Rooney, P.G. Mathematics Toronto	Integral operators 3yr - 3rd Inst.	Individual	8,380	16
Roorda, J. Civil Engineering Waterloo	The stability and dynamics of structures 3yr - 1st Inst.	Individual	19,800	06
Roots, B.I. Zoology Toronto	The nervous system and acclimation to temperature change 3yr - 2nd Inst.	Individual	16,500	02
Rosa, A. Mathematical Sci. McMaster	Steiner systems 3yr - 1st Inst.	Individual	13,442	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee
Nom Département Université	But de la subvention	Genre	Montant \$ Comité
Rose, K. Civil Engineering Queen's	Capacity of At-grade intersections 3yr - 1st Inst.	Individual	11,000 06
Rose, M.R. Biology Dalhousie	Evolutionary biology of Drosophila life history 3yr - 1st Inst.		19,000 18
Rosen, L.M. Mathematics British Columbia	Quantum field models 3yr - 1st Inst.	Individual	16,000 16
Rosenberg, H.I. Biology Calgary	Functional morphology of vertebrate adaptations 3yr - 2nd Inst.	Individual	4,400 01
Rosenberg, I.G. Centre de rech math Montréal	1) Boolean methods in zero-one programming 2) Closed algebras and relations 3ans - 3ième vers.	Individuelle	17,457 16
Rosenthal, P. Mathematics Toronto	Operators on Hilbert space 3yr - 1st Inst.	Individual	15,553 16
Roshko, R.M. Physics Manitoba	Ultra-low temperature studies of dilute magnetic systems 3yr - 1st Inst.		10,000 15
Rosner, S.D. Physics Western Ontario	Molecular beam studies of molecular structure 3yr - 2nd Inst.	Individual	15,873 15
Ross, D.M. Zoology Alberta	Behavioral physiology of certain marine invertebrates, especially actinians, pagurids and molluscs, with special reference to their interactions, symbiotic and agonistic 3yr - 3rd Inst.	Individual	25,968 01
Ross, J.V. Geological Sciences British Columbia	Structure and mechanical properties of silicate minerals: Structural studies in southern central B.C. 3yr - 2nd Inst.	Individual	18,700 10
Ross, P. Sciences biolog. Montréal	Etude de l'écologie du plancton aux lacs de la SBUM et ailleurs en Canada	Individuelle	10,000 18
Ross, R.A. Chemistry Lakehead	Heterogeneous catalysis and adsorption 2yr - 2nd Inst.	Individual	16,192 04
Rossant, J. Biolog. Sciences Brock	Cell lineages and cell interactions in early mouse development 3yr - 1st Inst.	Individual	23,000 02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Non Département Université	But de la subvention	Genre	Montant \$	Comité
Rossmann, W.T. Mathematics Ottawa	Representations of Lie groups 3yr - 3rd Inst.	Individual	4,190	16
Rostoker, G. Physics Alberta	Geomagnetic activity in the auroral zone 3yr - 2nd Inst.	Individual	49,500	17
Rostoker, G. Physics Alberta	* Principal investigator C.D. Anger (Calgary)	Co-op		17
Rostoker, G. Physics Alberta	Canadian auroral network for the OPEN program (CANOPUS) * with J.C. Samson (Alberta), D.J. McEwen, J.A.R. Koehler, G.J. Sofko (Sask.), L.L. Cogger (Calgary), G.G. Shepherd, R.A. Koehler (York), P.A. Forsyth, D.R. Moorcroft, J. MacDougall (Western Ontario), T. Watanabe (B.C.)	Co-op	65,000	17
Rotem, D. Computer Science Waterloo	Distributed algorithms, data base design	Individual	10,000	07
Roth, C.K. Mathematics McGill	Systematic individual and general investigations of the atomic spectra in the palladium and platinum groups 3yr - 1st Inst.	Individual	4,000	15
Rothfels, K.H. Botany Toronto	Studies on chromosome structure, biochemistry and evolution 3yr - 2nd Inst.	Individual	33,000	02
Rothstein, S.M. Chemistry Brock	1) Electron correlation studies 2) Statistics on discrete chemical data 3yr - 1st Inst.	Individual	14,500	05
Rouleau, D.J. Génie chimique Ecole Polytech.	Cinétique de réactions enzymatiques et de réactions catalytiques gaz solide 3ans - 2ième vers.	Individuelle	9,900	04
Roulston, D.J. Electrical Eng. Waterloo	Characterization of semiconductor devices from physical (fabrication) data and investigation of their performance in particular circuits 3yr - 1st Inst.	Individual	43,200	11
Round, G.F. Mechanical Eng. McMaster	Fluid mechanics: solid-liquid flows including biological fluid flows 3yr - 3rd Inst.	Individual	20,533	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rouse, W.R. Geography McMaster	Energy and water balance studies in the low and high Arctic 3yr - 1st Inst.	Individual	20,000	10
Rousseau, J.M. Infor. & rech opér. Montréal	Application des techniques de programmation mathématique aux problèmes de gestion de ressources humaines et physiques 3ans - 3ième vers.	Individuelle	30,195	20
Rousseau, P. Mathématiques Qué-Montréal	Analyse de données binomiales et multinomiales 3ans - 2ième vers.	Individuelle	1,175	14
Rousseau, R. Psychologie Laval	Facteurs métriques et structuraux dans les jugements de durées brèves 3ans - 1er vers.	Individuelle	7,000	12
Rousselet, J. Génie mécanique Ecole Polytech.	Comportement dynamique de tuyaux courbes contenant un liquide en écoulement 3ans - 2ième vers.	Individuelle	9,350	13
Rousselle, J. Génie civil Ecole Polytech.	Intégration détermino- stochastique des caractéristiques hydrologiques des petits bassins versants 3ans - 1er vers.	Individuelle	14,000	06
Roustan, J.L. Chimie Ottawa	Complexes des groupes fer nitrosyles et analogues	Individuelle	14,000	05
Routaboule, D. Architec. paysagiste Montréal	* Chercheur principal B.C.Lafargue(Montréal) 3ans - 2ième vers.	Groupe		06
Routledge, D. Electrical Eng. Alberta	Angular and spectral broadening by the solar corona, and a search for a supernova remnant	Individual	9,000	17
Routledge, R.D. Mathematics Simon Fraser	Species-abundance distributions, and the optimal use of renewable resources under uncertainty 3yr - 3rd Inst.	Individual	6,039	18
Rowe, D.J. Physics Toronto	Theoretical studies of nuclear structure and collective dynamics 3yr - 2nd Inst.	Individual	28,831	15
Rowe, R.D. Mechanical Eng. Calgary	Atmospheric turbulent dispersion and pollutant chemistry of stack plumes 3yr - 1st Inst.	Individual	8,900	04
Rowe, R.K. Fac. of Eng. Sci. Western Ontario	Soil-structure interaction analysis 3yr - 3rd Inst.	Individual	9,662	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Roy, C. Génie chimique Sherbrooke	Valorisation de la biomasse en combustibles synthétiques et en produits chimiques 3ans - 2ième vers.		11.000	04
Roy, D. Physique Laval	Spectroscopie atomique et moléculaire par mesures différentielles et intégrales de diffusion d'électrons dans les gaz 3ans - 1er vers.	Individuelle	18.790	15
Roy, D.W. Sc. appliquées Qué-Chicoutimi	Analyse structurale du socle dans la région du Haut-Saguenav, Québec	Individuelle	6.500	10
Roy, E.A. Kinesiology Waterloo	Manual asymmetries in kinesthetic spatial localization performance 3yr - 2nd Inst.	Individual	7.700	12
Roy, G. Physics Alberta	* Principal investigator W.T.H. Van Ders (Manitoba)	Project		27
Roy, G. Physics Alberta	IEP-56 - Charge Symmetry * with G.A. Moss, W.J. McDonald, C.A. Miller, G.M. Stinson, R. Abegg (Alberta)	Project	71.000	27
Roy, G. Physics Alberta	* Principal investigator G.A. Moss (Alberta)	Project		27
Roy, G. Physics Alberta	* Principal investigator D.A. Hutcheon (Alberta)	Project		27
Roy, G. Physics Alberta	* Principal investigator G.A. Moss (Alberta)	Project		27
Roy, G. Physique Montréal	Courants ioniques transmembranaires 3ans - 3ième vers.	Individuelle	18.117	02
Roy, G. Physics Alberta	IEP-70 - Staff application * with J.M. Cameron, W.K. Dawson, P. Kitching, W.J. McDonald, G.A. Moss, G.C. Neilson, W.C. Olsen, D.M. Sheppard (Alberta) 3yr - 2nd Inst.	Co-op	65.000	27
Roy, J.R. Physique Laval	1) Etudes régions HII dans la galaxie et les galaxies voisines 2) Etudes des éruptions solaires 3ans - 2ième vers.	Individuelle	11.000	17
Roy, K.L.J. Microbiology Alberta	TRNA gene organization and sequence analysis	Individual	19.000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Roy, M. Génie civil Laval	Capacité portante des pieux flottants dans les argiles sensibles	Individuelle	10,000	10
Roy, P.H. Biochimie Laval	Gènes plasmidiques impliqués dans la restriction et la modification de l'ADN (plasmic genes involved in restriction and modification of DNA) 3ans - 3ième vers.	Individuelle	16,909	02
Roy, R. Infor. & rech opér. Montréal	Construction de modèles pour des séries non-stationnaires 3ans - 2ième vers.	Individuelle	5,795	14
Roy, R. Physique Laval	Phénomènes de polarisation dans les réactions (3He,p) 3ans - 1er vers.		19,000	22
Roy, R.M. Biology Concordia	Modification by tocopherol of cell lethality, mutagenesis, and repair processes following X-irradiation 3yr - 3rd Inst.	Individual	13,286	02
Royer, A. Mathématiques appl. Montréal	Mécanique statistique irréversible des gaz neutres et ionisés, avec applications en spectroscopie 3ans - 1er vers.	Individuelle	7,500	15
Ruben, H. Mathematics McGill	Random geometry and characterization theory 3yr - 3rd Inst.	Individual	16,280	14
Rubin, L.J. Chemical Eng. Toronto	A replacement for nitrite in meat curing 3yr - 3rd Inst.	Individual	24,156	02
Ruby, S.M. Biology Concordia	Effects of sublethal cyanide on yolk deposition in rainbow trout 3yr - 1st Inst.	Individual	7,500	01
Rucklidge, J.C. Geology Toronto	Geological studies using ultra-sensitive and x-ray analysis 3yr - 2nd Inst.	Individual	18,700	10
Rucklidge, J.C. Geology Toronto	* Principal investigator J.Gittins(Toronto) 2yr - 1st Inst.	Co-op		10
Rudin, A. Chem & Chem Eng. Waterloo	Some aspects of polymer science 3yr - 1st Inst.	Individual	34,400	04
Rule, B.G. Psychology Alberta	Cognitive processes and moral judgment 3yr - 3rd Inst.	Individual	9,541	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rule, S.J. Psychology Alberta	Judgements of perceptual magnitudes 3yr - 1st Inst.	Individual	17,000	12
Rumin, N. Electrical Eng. McGill	Computer-aided analysis and design of electronic circuits	Individual	1,500	11
Rummen, F.H.A. Chemistry Regina	1) Intermolecular interactions in gases and liquids 2) Structure determination of simple hydrocarbons 3yr - 2nd Inst.	Individual	18,700	05
Runeckles, V.C. Plant Science British Columbia	Effects of air pollution on vegetation 3yr - 1st Inst.	Individual	13,000	03
Runnalls, D.J.C. Industrial Eng. Toronto	The viability of the uranium and nuclear industries 2yr - 1st Inst.	Individual	11,000	20
Runquist, W.N. Psychology Alberta	Interference in human learning and forgetting 3yr - 3rd Inst.	Individual	16,305	12
Rusak, B. Psychology Dalhousie	Function of the hypothalamic suprachiasmatic nuclei in the control of behavioural and reproductive cycles 3yr - 3rd Inst.	Individual	13,769	12
Rush, C.K. Mechanical Eng. Queen's	Splashing two-phase thermosyphons	Individual	9,000	13
Ruskey, F. Computer Science Victoria	Research in combinatorial algorithms	Individual	8,000	07
Russell, A.D. Ctre.-Build. Stud. Concordia	Building design & construction decision methodologies	Individual	9,000	06
Russell, A.P. Biology Calgary	Form and function of the locomotor system of lizards and its systematic implications 3yr - 2nd Inst.	Individual	11,473	01
Russell, D.C. Mathematics York	Sequence and function spaces: duals, matrix maps, representation theorems, with applications to approximation theory, inequalities, and summability methods 3yr - 3rd Inst.	Individual	6,284	16
Russell, K.E. Chemistry Queen's	Polymer studies involving free radical and carbenium ion intermediates 3yr - 2nd Inst.	Individual	15,950	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Russell, K.P. Mathematics McGill	The affine geometry of polynomial rings 3yr - 3rd Inst.	Individual	8,380	16
Russell, L.S. Geology Toronto	The Cretaceous-Tertiary transition in central Alberta 3yr - 1st Inst.	Individual	6,000	10
Russell, L.T. Mechanical Eng. Tech Univ N.S.	Cable stayed arch systems * with R.C.Gilkie(N.S.T.C.) 3yr - 2nd Inst.	Group	11,000	06
Russell, M.A. Genetics Alberta	Genetic control of developmental pathways in Drosophila 3yr - 1st Inst.	Individual	27,000	02
Russell, R.D. Mathematics Simon Fraser	Numerical solution of differential equations 3yr - 3rd Inst.	Individual	15,580	07
Russell, R.D. Geophys./Astron. British Columbia	1) Isotopic studies of the early history of the earth 2) Geophysical instrumentation 3yr - 3rd Inst.	Individual	39,254	10
Russell, S.D.D. Civil Engineering British Columbia	Techniques for design, planning and management of water resource systems 3yr - 1st Inst.	Individual	14,500	06
Rust, E.R. Geology Ottawa	Depositional models for alluvial sedimentation 3yr - 3rd Inst.	Individual	15,701	10
Rutenberg, D.P. School of Business Queen's	Models for global product mandating	Individual	4,000	20
Ruth, R.F. Zoology Alberta	Immunogenetics of Coturnix coturnix japonica	Individual	12,000	02
Ruthven, D.M. Chemical Eng. New Brunswick	Sorption and diffusion in molecular sieves; molecular sieve processes 3yr - 3rd Inst.	Individual	36,518	04
Rutter, J.W. Metal/Mat. Science Toronto	Solidification of metallic and non-metallic materials 3yr - 2nd Inst.	Individual	12,100	04
Rutter, N.W. Geology Alberta	Amino acid dating techniques and Quaternary history of parts of Alberta, British Columbia, Yukon and Northwest Territories 3yr - 1st Inst.	Individual	26,500	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ruus, E. Civil Engineering British Columbia	1) Water hammer caused by water column separation in medium and high head pump discharge lines; 2) Water hammer resulting from power failure in pumping systems 3yr - 2nd Inst.	Individual	11,000	06
Ryan, D.E. Chemistry Dalhousie	Determination of metals and trace inorganics 3yr - 3rd Inst.	Individual	36,959	05
Ryan, D.G. Physics McGill	* Principal investigator D.G.Stairs(McGill)	Project		22
Ryan, M.T. Biochemistry Ottawa	The interaction of steroids and other ligands with serum albumins	Individual	6,000	02
Ryder, J.P. Biology Lakehead	Breeding ecology of gulls near Thunder Bay, Ontario 3yr - 3rd Inst.	Individual	15,701	18
Rye, R.T.B. Chemistry Concordia	Studies in organic mass spectrometry 3yr - 1st Inst.	Individual	6,000	05
Saatcioglu, M. Civil Engineering Toronto	Effect of biaxial load reversals on inelastic response of reinforced concrete columns 3yr - 2nd Inst.		15,000	06
Saber, A.J. Mechanical Eng. Concordia	Coal producer gas flammability limits from in-situ conversion	Individual	10,000	13
Sabidussi, G.D. Math/statistique Montréal	Méthodes topologiques en théorie des graphes 3ans - 3ième vers.	Individuelle	13,966	16
Sabin, G.C.W. Math.Stat&Comp Sc Memorial	Dynamic elastic and viscoelastic boundary value problems 3yr - 3rd Inst.	Individual	2,350	16
Sabina, L.R. Biology Windsor	Studies on activation of infectivity of influenza A viruses in Re2A cells 3yr - 2nd Inst.	Individual	7,150	02
Sabourin, M. Psychologie Montréal	Les correlats électroencéphalographiques de la suggestibilité hypnotique 3ans - 3ième vers.	Individuelle	8,938	12
Saccomanno, F.F. Civil Engineering Waterloo	Traffic congestion on urban roads and the nature of road user subsidies 3yr - 3rd Inst.	Individual	9,662	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sachdev, M.S. Electrical Eng. Saskatchewan	1) Power system protection by on-line digital computers 2) Multi-terminal high voltage D.C. transmission systems 3yr - 2nd Inst.	Individual	19,250	11
Sackston, W.E. Plant Science Macdonald Coll.	Epidemiology and biology of selected plant diseases 3yr - 2nd Inst.	Individual	17,600	03
Sadana, Y.N. Chemistry Laurentian	Electrodeposition of metals & alloys & applied electrochemistry	Individual	7,500	04
Sadler, G.W. Mechanical Eng. Alberta	Solar insolation and solar system component models 3yr - 2nd Inst.	Individual	10,450	13
Sadowski, C.M. Chemistry York	* Principal investigator S.V.Filseth(York) 3yr - 3rd Inst.	Group		05
Safayeni, F. Management Sciences Waterloo	Optimization of work design	Individual	8,000	20
Safe, S.H. Chemistry Guelph	Biologic effects of halogenated aromatics	Individual	27,500	21
Sahney, B.N. Math/Statistics Calgary	Approximation in piecewise polynomials and finite elements 2yr - 2nd Inst.	Individual	8,730	16
Saimoto, S. Metallurgical Eng. Queen's	Yielding and plastic flow of polycrystalline and textured aggregates 3yr - 2nd Inst.	Individual	13,750	04
Saimoto, S. Metallurgical Eng. Queen's	* Principal investigator H.Helmstaedt(Queen's) 3yr - 1st Inst.	Co-op		21
Sainsbury, R.S. Psychology Calgary	The effects of discrete hippocampal pathway lesions on behavior 3yr - 3rd Inst.	Individual	7,730	12
Saint-Amant, M. Génie minéral Ecole Polytech.	Méthode électrique en exploration minière 3ans - 2ième vers.	Individuelle	8,250	04
Saint-Arnaud, R. Génie électrique Laval	* Chercheur principal I.B.Jordan(Laval)	Groupe		11
Saint-Dizier, J.P. Génie-physique Ecole Polytech.	Générateur de vapeur d'uranium atomique 2ans - 1er vers.	Individuelle	2,740	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sakmar, I.A. Applied Math. Western Ontario	High energy scattering	Individual	9,970	15
Salahub, D.R. Chemistry Montréal	Theoretical studies on metal clusters	Individual	17,000	05
Salama, C.A.T. Electrical Eng. Toronto	Semiconductor devices and integrated circuits: design, characterization and applications 3yr - 1st Inst.	Individual	34,000	11
Salcudean, M. Mechanical Eng. Ottawa	1) Heat transfer in turbulent flow with buoyant forces 2) Heat transfer in rewetting 3) Flow stability in parallel channels 3yr - 3rd Inst.	Individual	18,117	13
Saleh, A.K.E. Mathematics Carleton	Nonparametric statistical inference 3yr - 3rd Inst.	Individual	5,128	14
Saleuddin, A.S.M. Biology York	Neuroendocrine systems in invertebrates 3yr - 2nd Inst.	Individual	30,800	01
Salin, E.D. Chemistry McGill	New instrumentation for multielement analysis with inductively coupled plasmas	Individual	11,000	05
Salomon, M. Physics British Columbia	* Principal investigator D.F.Measday(B.C.)	Project		27
Samanta, M. Statistics Manitoba	Statistical inference of the mean of a normal population with known coefficient of variation 3yr - 1st Inst.	Individual	1,190	14
Samoiloff, M.R. Zoology Manitoba	Developmental genetics of free-living nematodes 3yr - 2nd Inst.	Individual	15,950	02
Sample, J.T. TRIUMF British Columbia	IEP-41 - Research at TRIUMF	Project	75,000	27
Sample, J.T. Physics Alberta	* Principal investigator D.M.Sheppard(Alberta)	Group		22
Sampson, J.R. Computer Science Alberta	Modelling and simulation of adaptive systems 3yr - 3rd Inst.	Individual	22,344	07
Sams, J.R. Chemistry British Columbia	Mössbauer, magnetic and EPR studies of paramagnetic iron complexes	Individual	22,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Samson, J.C. Physics Alberta	Studies of polarization states and ULF magnetic fields in the earth's magnetosphere 3yr - 2nd Inst.		16,000	17
Samson, J.C. Physics Alberta	* Principal investigator G.Rostoker(Alberta)	Co-op		17
Samuel, W.M. Zoology Alberta	Importance of musclemorm for big game of Western Canada 3yr - 1st Inst.	Individual	23,000	18
Sancho, N.G.F. Mathematics McGill	1) Optimal integer programming of concave functions with linear constraints 2) Optimal control with state variable constraints 3yr - 3rd Inst.	Individual	4,190	16
Sanctuary, B.C. Chemistry McGill	Statistical mechanics of orientable molecules	Individual	16,000	05
Sander, F. Marine Sci. Centre McGill	The island mass effect of Barbados and related aspects	Individual	13,000	18
Sanderson, K.E. Biology Calgary	Genetics and biochemistry of enteric bacteria 3yr - 3rd Inst.	Individual	36,234	02
Sanderson, M.E. Geography Windsor	Trace metals in precipitation - Essex County, Ontario	Individual	7,700	10
Sandhu, H.S. Physics Victoria	Nuclear spin relaxation in liquids and solids 3yr - 1st Inst.	Individual	5,000	15
Sandorfy, C. Chimie Montréal	Spectrochimie moléculaire 3ans - 3ième vers.	Individuelle	57,732	05
Sands, G.W. Mathematics Calgary	Combinatorics of lattices and partially ordered sets 3yr - 1st Inst.		3,500	16
Sanford, L.M. Animal Science Macdonald Coll.	Factors controlling and affecting fertility of boars 3yr - 1st Inst.	Individual	10,000	01
Sankar, S. Mechanical Eng. Concordia	1) Dynamic modelling, simulation, and optimization of hydro- mechanical systems 2) Vibration of continuous mechanical systems: optimization and control 3yr - 3rd Inst.	Individual	14,494	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sankar, T.S. Mechanical Eng. Concordia	1) Dynamic response and reliability of mechanical systems under deterministic and stochastic forces 2) Characterization of manufactured surfaces, their effect on mechanical properties and their relation to machine tool cutting dynamics 3yr - 3rd Inst.	Individual	23,552	13
Sankoff, D. Mathématiques appl. Montréal	Problèmes de linguistique mathématique et biologie mathématique 3ans - 1er vers.	Individuelle	29,000	18
Sankoff, D. Centre de rech math Montréal	Séquences de RNA et évolution * avec R.J.Cedergrén(Montréal) 3ans - 3ième vers.	Coop	24,156	02
Santi, A. Psychology Wilfrid Laurier	Information processing by pigeons 3yr - 1st Inst.	Individual	5,000	12
Santoro, N. Computer Science Ottawa	Distributed computation and information structure design	Individual	7,000	07
Santry, D.P. Chemistry McMaster	Theoretical solid state chemistry	Individual	22,000	05
Saravanamuttoo, H.I.H. Mech. & Aeronaut. Carleton	Gas turbine performance studies 3yr - 1st Inst.	Individual	16,000	13
Sargent, C.M. Mechanical Eng. Saskatchewan	Deformation mechanisms and shape memory effects in crystalline polymers 3yr - 2nd Inst.	Individual	11,000	04
Sargious, M. Civil Engineering Calgary	Evaluation of urban transportation systems using a behavioural approach 3yr - 3rd Inst.	Individual	16,909	06
Sarhan, F. Sciences biolog. Qué-Montréal	Régulation physiologique et génétique chez le blé lors du phénomène d'endurcissement au froid 3ans - 1er vers.	Individuelle	8,000	03
Sarjeant, W.A.S. Geological Sciences Saskatchewan	Dinoflagellates and acritarchs of the mesozoic: stratigraphical application in Western and Arctic Canada and use in intercontinental correlation 3yr - 3rd Inst.	Individual	25,364	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sarna, S.K. Electrical Eng. McMaster	Mathematical modelling of gastrointestinal electrical control activity (ECA) 3yr - 3rd Inst.	Individual	15,701	11
Sarndal, C.E. Math/Statistics Montréal	Inference in survey sampling, in particular under use of statistical models 3yr - 2nd Inst.	Individual	15,664	14
Sarwal, S.N. Eng. Math. Tech Univ N.S.	Periodic flow of a viscous fluid in a branching tube 3yr - 2nd Inst.	Individual	6,030	13
Sastri, C.C.A. Mathematics Dalhousie	Stochastic modelling; information theory and statistical mechanics 3yr - 1st Inst.	Individual	1,166	16
Sastry, K.V.L. Physics New Brunswick	Microwave spectra of free radicals 3yr - 2nd Inst.	Individual	7,227	15
Satinder, K.P. Psychology Lakehead	Role of genotype in behavioral and pharmacological analysis 3yr - 2nd Inst.	Individual	10,450	12
Sato, D. Mathematics Regina	P-adic and diophantine problem in number theory 3yr - 2nd Inst.	Individual	2,120	16
Sattler, R.D. Biology McGill	Developmental and theoretical plant morphology 3yr - 1st Inst.	Individual	21,000	03
Sauer, E.K. Civil Engineering Saskatchewan	Orbital and air-borne remote sensing for land use planning 3yr - 3rd Inst.	Individual	15,701	06
Sauer, N.W. Math/Statistics Calgary	1) Combinatorial problems 2) Universal algebra 3yr - 2nd Inst.	Individual	10,173	16
Sauer, W.C. Animal Science Alberta	Evaluation of protein quality with cannulated pigs 3yr - 3rd Inst.	Individual	9,517	01
Saunders, J.K. Chimie Sherbrooke	Les applications chimiques de la RMN 3ans - 2ième vers.	Individuelle	23,100	05
Saunderson, H.C. Geography Wilfrid Laurier	Flume experiments on stratification and hydraulic interpretation of eskers 3yr - 1st Inst.	Individual	12,500	10
Sauve, R. Physique Montréal	Etude des canaux ioniques membranaires par les méthodes d'analyse de bruit et de canaux isolés 3ans - 1er vers.	Individuelle	13,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Savage, G.J. Systems Design Waterloo	Modelling and computer implementation of graph- theoretic discrete models of continuum problems 3yr - 2nd Inst.	Individual	11,550	06
Savage, S.E. Civ Eng/App Mech McGill	Flow of bulk solids 3yr - 3rd Inst.	Individual	21,740	13
Savard, J.Y. Génie électrique Laval	Recherches sur les étalons de fréquence 3ans - 1er vers.	Individuelle	6,900	11
Savard, P. Génie bio-méd. Ecole Polytech.	* Chercheur principal R.A.L.Guardo(Ecole Polytech.) 3ans - 2ième vers.	Groupe		11
Savoie, R. Chimie Laval	Etude de structures moléculaires et cristallines à l'aide de méthodes spectroscopiques 3ans - 3ième vers.	Individuelle	14,977	05
Sawhney, V.K. Biology Saskatchewan	Developmental studies on tomato mutants 3yr - 2nd Inst.	Individual	8,800	03
Sawyer, E.T. Mathematical Sci. McMaster	Multipliers of Besov and Hardy spaces 3yr - 1st Inst.	Individual	1,166	16
Sayer, M. Physics Queen's	Transport in disordered systems and superionic electrolytes 3yr - 3rd Inst.	Individual	21,583	15
Scadding, S.R. Zoology Guelph	Limb regeneration in Amphibians 3yr - 3rd Inst.	Individual	7,494	01
Scagel, R.F. Botany British Columbia	Marine algal flora 3yr - 2nd Inst.	Individual	18,150	03
Scanlon, P.J. Physics Queen's	* Principal investigator W.McLatchie(Queen's)	Group		22
Scarfe, C.D. Physics Victoria	Studies of binary, multiple and variable stars 3yr - 1st Inst.	Individual	10,000	17
Scarfe, C.M. Geology Alberta	Physical properties and structure of silicate melts of geological interest 3yr - 3rd Inst.	Individual	15,098	10
Schaefer, T.P. Chemistry Manitoba	Magnetic resonance in chemistry 3yr - 2nd Inst.	Individual	44,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Schaible, S. Fin. & Manag. Sci. Alberta	Generalized convexity: applications, theory and solution methods	Individual	4,666	16
Scharer, J.M. Chemical Eng. Waterloo	Anaerobic digestion of cellulosic wastes 3yr - 1st Inst.	Individual	8,400	04
Scheffer, J.R. Chemistry British Columbia	Studies in organic chemistry 3yr - 3rd Inst.	Individual	19,747	05
Schellenberg, P.J. Combin./Optimiz. Waterloo	A study of generalized Howell designs of index 1 3yr - 1st Inst.	Individual	4,499	16
Schenk, K.F. Electrical Eng. Ottawa	Power system planning and reliability evaluation 3yr - 2nd Inst.	Individual	11,550	11
Schenk, P.E. Geology Dalhousie	Sedimentologic-stratigraphic studies of the early through late Paleozoics sedimentary rock of Nova Scotia 3yr - 2nd Inst.	Individual	15,400	10
Scherk, J.P. Mathematics Alberta	Deformations of isolated hypersurface singularities 3yr - 1st Inst.	Individual	1,166	16
Scherk, P. Mathematics Toronto	Geometry 3yr - 3rd Inst.	Individual	8,380	16
Schey, J.A. Mechanical Eng. Waterloo	Material and interface effects in metal deformation 3yr - 1st Inst.	Individual	25,000	13
Schiff, H. Physics Alberta	Nonlinear particle-like fields 3yr - 3rd Inst.	Individual	7,609	15
Schiff, H.I. Chemistry York	1) Kinetics of reactions of atmospheric and interstellar interest; 2) Measurement of trace constituents in the atmosphere 3yr - 1st Inst.	Individual	35,000	05
Schiller, E.J. Civil Engineering Ottawa	Transverse and longitudinal mixing characteristics: A field study of some Ontario rivers 3yr - 3rd Inst.	Individual	13,286	06
Schirmer, H.H. Mathematics Carleton	Properties of fixed points and fixed point sets 3yr - 1st Inst.	Individual	7,000	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Schlesinger, M. Physics Windsor	Physical properties of ionic crystals containing defects (or impurities) in excited states 3yr - 1st Inst.	Individual	32,850	15
Schloessin, H.H. Geophysics Western Ontario	Physical properties, (mechanical, thermal, electrical, magnetic) of matter under conditions of planetary interiors 3yr - 2nd Inst.	Individual	28,050	10
Schmalz, P. Génie civil Sherbrooke	Sécurité des poutres-caissons 3ans - 2ième vers.	Individuelle	10,450	06
Schmid, G.H. Chemistry Toronto	Electrophilic additions to alkenes and alkynes 3yr - 2nd Inst.	Individual	19,800	05
Schmidt, E.J.P. Mathematics McGill	1) Scattering theory for time-dependent perturbations 2) Boundary control for partial differential equations 3yr - 3rd Inst.	Individual	3,143	16
Schmidt-Weinmar, H.G. Electrical Eng. Alberta	Acquisition and processing of far-zone data for superresolving source reconstruction 3yr - 2nd Inst.	Individual	13,275	15
Schmit, J.P. Chimie Sherbrooke	Approche chimique du mécanisme de formation du complexe stéroïde-protéine réceptrice 3ans - 3ième vers.	Individuelle	11,000	05
Schneider, E.A. Psychology Toronto	Nonmetric scaling of sensory events 3yr - 1st Inst.	Individual	20,000	12
Schneider, G.E. Mechanical Eng. Waterloo	Problems in heat transfer and fluid flow 3yr - 3rd Inst.	Individual	11,474	13
Schneider, M.H. Forest Resources New Brunswick	Wood chemicals interactions 3yr - 2nd Inst.	Individual	8,250	04
Schoenau, G.J. Mechanical Eng. Saskatchewan	Fluid power control systems and daylighting design of passive solar structures 3yr - 2nd Inst.	Individual	8,250	13
Schofield, W.B. Botany British Columbia	Studies in bryophytes and lichens of Western North America 3yr - 2nd Inst.	Individual	17,820	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Schom, C.B. Biology New Brunswick	Salmo salar precocious male parr as a selection mode for resistance to environmental toxigants and economically important traits 3yr - 1st Inst.	Individual	8,000	01
Schonfield, A.E.D. Psychology Calgary	Age changes in attention switching and effortful encoding 3yr - 1st Inst.	Individual	7,000	12
Schott, L.W. Physics Saskatchewan	* Principal investigator H.M.Skarsgard(Sask.) 3yr - 2nd Inst.	Group		15
Schrack, G.F. Electrical Eng. British Columbia	Computer graphics for interactive automated design	Individual	1,500	11
Schreiber, H.P. Chemical Eng. Ecole Polytech.	Composition-property relationships in polymer systems 3yr - 1st Inst.	Individual	32,400	04
Schreier, H. Soil Science British Columbia	An assessment of the chemical & spectral variability of terrain & soil mapping units	Individual	10,000	10
Schrobilgen, G.J. Chemistry McMaster	1) - Multinuclear N.M.R. studies of zintl solutions; 2) - The synthesis of xenon-nitrogen and xenon-carbon bonds 3yr - 2nd Inst.		11,000	05
Schroeder, J. Civil Engineering Waterloo	Elasticity, plasticity, fracture and rupture of shells and intersecting shells 3yr - 2nd Inst.	Individual	28,600	06
Schubert, C.F. Math/Statistics Queen's	1) Operators commuting with shifts 2) Partial differential equations 3yr - 1st Inst.	Individual	4,666	16
Schubert, L.K. Computer Science Alberta	Knowledge, inference and language 3yr - 2nd Inst.	Individual	15,620	07
Schuegraf, E.J. Math/Comp Science St. F. Xavier	Studies in associative processing 3yr - 1st Inst.	Individual	15,000	07
Schuepp, P.H. Agric. Chem./Phys. Macdonald Coll.	Micrometeorological model experiments 3yr - 1st Inst.	Individual	11,000	17
Schulman, H.M. Microbiology Macdonald Coll.	Root nodule development and the control of leghemoglobin biosynthesis 3yr - 3rd Inst.	Individual	30,195	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Schumacher, D. Mathematics Acadia	The notion of cardinality in a topos 3yr - 1st Inst.	Individual	1,666	16
Schwarcz, H.P. Geology McMaster	Isotopic geochemistry 3yr - 2nd Inst.	Individual	31,350	10
Schwartz, F.W. Geology Alberta	Influence of porous medium structure on contaminant transport 3yr - 1st Inst.	Individual	22,500	10
Schwartz, M. Psychology St. F. Xavier	1) Laterality effects with face recognition 2) Inverted and familial handedness: relation to cerebral laterality 3yr - 3rd Inst.	Individual	2,295	12
Schwarz, K.P. Civil Engineering Calgary	Deflection estimation in the mountains	Individual	11,000	06
Schwelb, O. Electrical Eng. Concordia	Surface acoustic wave devices	Individual	6,300	11
Schwerdtfeger, C.F. Physics British Columbia	Electron spin resonance studies of impurity centres in semiconductors	Individual	15,580	15
Schwerdtfeger, H.W.E. Mathematics McGill	1) $(n+1)$ -point invariants of n -fold transitive groups 2) Generalized inverses of matrices 3) On a permutation group associated with a finite group 3yr - 3rd Inst.	Individual	4,190	16
Schwerdtner, W.M. Geology Toronto	Paleostrain analysis in the Canadian Shield 3yr - 3rd Inst.	Individual	19,929	10
Scobey, P.F. Mathematics Saint Mary's	Statistical applications of matrix derivatives and generalized matrix inverses	Individual	1,200	14
Scoles, G. Chemistry Waterloo	Chemical dynamics studied using molecular beams 3yr - 2nd Inst.	Individual	49,500	05
Scoles, G.J. Crop Science Saskatchewan	Cytogenetics of the gramineae 3yr - 2nd Inst.	Individual	9,900	02
Scott, D.B. Geology Dalhousie	Foraminiferal and thecamoebian distributions in eastern Canada with applications to studies of paleo-sealevel and Holocene stratigraphy 3yr - 2nd Inst.		11,300	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Scott, D.M. Zoology Western Ontario	Reproductive biology of birds 3yr - 1st Inst.	Individual	1,150	18
Scott, D.S. Chemical Eng. Waterloo	1) Measurement of two phase steam flows 2) Flash pyrolysis of biomass 3yr - 1st Inst.	Individual	20,400	04
Scott, D.S. Mechanical Eng. Toronto	Gas-particulate separation by finite-amplitude acoustics (applications and fundamentals) 3yr - 3rd Inst.	Individual	20,533	13
Scott, G.D. Physics Toronto	Thin films 2yr - 1st Inst.	Individual	18,520	15
Scott, J.D. Civil Engineering Alberta	1) Foundations on oil sand 2) Consolidation of oil sands tailings sludge 3) Filtration with geotextiles 3yr - 1st Inst.	Individual	14,000	06
Scott, J.M.W. Chemistry Memorial	Physical chemistry of aqueous equilibria, thermodynamics of non-aqueous solutions and kinetics	Individual	5,000	05
Scott, P.J. Mathematics McGill	Investigations in proof theory and categorical logic	Individual	2,449	16
Scott, R.N. Bio-Eng. Institute New Brunswick	Biomedical engineering research 3yr - 1st Inst.	Individual	36,800	11
Scott, S.D. Geology Toronto	Geology and geochemistry of massive sulfide ores 3yr - 2nd Inst.	Individual	23,925	10
Scriabin, M. Management Sciences Waterloo	Semi-artificial intelligence in facility layout	Individual	8,000	20
Scudder, G.G.E. Zoology British Columbia	1) Studies on Hemiptera 2) Ecological and evolutionary studies on terrestrial and aquatic insects 3) Studies on insect morphology and development 3yr - 3rd Inst.	Individual	46,941	01
Scudder, G.G.E. Zoology British Columbia	The insect fauna of the Yukon * with G.B. Wiggins (Toronto) 3yr - 1st Inst.	Co-op	36,000	01
Scuse, D.H. Computer Science Manitoba	Implementation of data base interfaces	Individual	5,700	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Seabrook, W.D. Biology New Brunswick	Insect chemosensory physiology and behavior 3yr - 2nd Inst.	Individual	36,300	01
Seagull, R. Biology Carleton	Study of components and function of plant cytoskeleton 3yr - 1st Inst.		10,000	03
Sealy, S.G. Zoology Manitoba	Ecological aspects of breeding and habitat use in birds 3yr - 2nd Inst.	Individual	12,100	18
Sequist, E.R. Astronomy Toronto	Studies of radio emitting stars and extragalactic radio sources	Individual	25,600	17
Searle, C.W. Physics Manitoba	Investigation of magnetic (bubble) films and hard magnetic materials 3yr - 2nd Inst.	Individual	24,970	15
Secco, E.A. Chemistry St. F. Xavier	Solid state reaction studies at temperatures up to 1200 degrees C 3yr - 1st Inst.	Individual	16,000	05
Seckin, M. Civil Engineering Toronto	Seismic design of moment resisting reinforced concrete frames 3yr - 1st Inst.		14,000	06
Sedra, A.S. Electrical Eng. Toronto	Filter theory and design 3yr - 3rd Inst.	Individual	23,673	11
Sefton, M.V. Chemical Eng. Toronto	Diffusion and transport processes in polymers 3yr - 1st Inst.	Individual	11,400	04
Segalowitz, S.J. Psychology Brock	Measures of individual differences in cerebral asymmetries 3yr - 2nd Inst.	Individual	9,350	12
Segel, S.L. Physics Queen's	Nuclear magnetic and quadrupole resonance in solids, glasses and fluids 3yr - 2nd Inst.	Individual	26,268	15
Seghers, B.H. Zoology Western Ontario	Evolution and adaptive significance of schooling behavior in fishes	Individual	7,000	18
Sego, D.C. Civil Engineering Alberta	Deformation behaviour of frozen soil 3yr - 2nd Inst.	Individual	9,350	06
Seguin, G. Electrical Eng. Concordia	Convolutional codes / sequences for spread spectrum communications 3yr - 2nd Inst.	Individual	8,641	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Seguin, H.J.U. Electrical Eng. Alberta	High powered laser technology and laser materials science and processing 3yr - 1st Inst.	Individual	47,200	11
Seguin, M.K. Geology Laval	Paleomagnetism and physical properties of Quebec Archean greenstones	Individual	9,000	10
Sehgal, S.K. Mathematics Alberta	Studies in group rings 3yr - 1st Inst.	Individual	19,441	16
Seidenberg, M.S. Psychology McGill	The time course of lexical ambiguity resolution in context 3yr - 1st Inst.	Individual	8,000	12
Selick, P.S. Mathematics Western Ontario	Homotopy theory 3yr - 1st Inst.		3,000	16
Seligy, V.L. Biology Carleton	Cloning of lysine-rich histone genes from amphibian blood cells 3yr - 1st Inst.	Individual	8,000	02
Selvadurai, A.P.S. Civil Engineering Carleton	1) Group effects in soil foundation interaction; plane strain and 3-D effects 2) In- situ testing of soils by screwplate and pressuremeter tests 3yr - 2nd Inst.	Individual	26,950	10
Sember, J.J. Mathematics Simon Fraser	Topological and number-theoretic aspects of summability 3yr - 1st Inst.	Individual	2,200	16
Semeluk, G.P. Chemistry New Brunswick	* Principal investigator I.Unger(N.B.) 3yr - 2nd Inst.	Group		05
Semlyen, A. Electrical Eng. Toronto	Transients and economic optimization in power systems	Individual	17,300	11
Semple, J.C. Biology Waterloo	Systematic studies in North American Astereae (Fam. Compositae): Asters, Goldenaster and Goldenrods 3yr - 3rd Inst.	Individual	24,156	18
Sen, D.K. Mathematics Toronto	General relativity and gravitation 3yr - 1st Inst.	Individual	2,722	16
Sen, P.C. Electrical Eng. Queen's	Thyristor drives and microcomputer control 3yr - 2nd Inst.	Individual	14,850	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Senders, J.W. Industrial Eng. Toronto	A program in man-machine systems study 3yr - 2nd Inst.	Individual	12,100	20
Sengupta, S.S. Systems Design Waterloo	Identification and stability of probabilistic engineering processes 3yr - 1st Inst.	Individual	1,166	16
Sermer, P. Computer Science Toronto	Finite element methods for mixed-type equations	Individual	5,000	07
Serpone, N. Chemistry Concordia	Inorganic photochemistry and photophysics	Individual	18,000	05
Servranckx, R.V. Mathematics Saskatchewan	On storage rings design	Individual	15,000	23
Seshadri, V. Mathematics McGill	Characterizations, applications to goodness of fit, rank tests 3yr - 2nd Inst.	Individual	7,599	14
Sethi, S.P. Fac. of Management Toronto	Planning horizon procedures in dynamic optimization problems 3yr - 1st Inst.	Individual	20,000	20
Setterfield, G.A. Biology Carleton	Cytological and biochemical studies of cell organelles in relation to cell division, growth and differentiation 3yr - 3rd Inst.	Individual	39,857	02
Sevcik, K.C. Computer Science Toronto	Analysis and prediction of information system performance 3yr - 3rd Inst.	Individual	28,625	07
Sevigny, A. Ingénierie Qué.-Trois-Riv	* Chercheur principal V.Rajagopalan(Qué.-Trois Rivières) 3ans - 1er vers.	Groupe		11
Sevigny, J. Diététique Laval	* Chercheur principal A.Groleau-Roberge(Laval) 3ans - 1er vers.	Groupe		01
Seymour, B.R. Mathematics British Columbia	Nonlinear waves in bounded or inhomogeneous systems 3yr - 2nd Inst.	Individual	10,723	16
Seymour, N.R. Biology St. F. Xavier	Eco-ethological and physiological factors influencing the evolution of social systems in ducks 3yr - 1st Inst.	Individual	6,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Shadwick, W.F. Applied Math. Waterloo	Backlund transformations and integrable partial differential equations 3yr - 1st Inst.		3,100	16
Shafai, L. Electrical Eng. Manitoba	Applied electromagnetics and antennas	Individual	28,300	11
Shah, A. Civil Engineering Manitoba	Direct and inverse scattering of elastic waves 3yr - 3rd Inst.	Individual	9,662	06
Shah, K. Statistics Waterloo	Inference procedures in linear and non-linear models 3yr - 3rd Inst.	Individual	9,908	14
Shah, S.L. Chemical Eng. Alberta	Adaptive control systems and multivariable frequency domain design methods	Individual	10,700	11
Shapiro, L.J. Psychology Manitoba	Attachment behaviour in waterfowl and the mechanisms mediating it-with an emphasis on the effects of the brood in the mallard duck and the giant Canada goose 3yr - 1st Inst.	Individual	7,500	12
Shapiro, M.M. Ctre.-Build. Stud. Concordia	Compact retrofit building heat storage and solar heaters 3yr - 2nd Inst.	Individual	9,350	13
Sharaf, A.M. Electrical Eng. New Brunswick	Study of integrated power system 3yr - 2nd Inst.	Individual	8,881	11
Sharaf, A.M. Electrical Eng. Manitoba	Study of integrated power systems		2,119	11
Shargool, P.D. Biochemistry Saskatchewan	Studies on glutamate and ornithine biosynthesis in higher plants 3yr - 3rd Inst.	Individual	21,740	02
Sharma, A. Mathematics Alberta	Cardinal spline interpolation and interpolatory function theory 3yr - 2nd Inst.	Individual	21,193	16
Sharma, S.C. Civil Engineering Concordia	Standard classification of Canadian roads and its implications to planning and design of highway systems 3yr - 1st Inst.	Individual	9,000	06
Sharom, F.J. Chemistry Guelph	Role of glycolipids and glycoproteins in lymphocyte activation 3yr - 2nd Inst.		15,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sharp, A.R. Physics New Brunswick	Pulsed NMR studies of molecular sorption 3yr - 2nd Inst.	Individual	12,661	15
Sharp, J.J. Fac of Engineering Memorial	Investigation of mixing and spread characteristics of buoyant jets 3yr - 3rd Inst.	Individual	13,286	13
Sharp, R.T. Physics McGill	Group methods in physics 3yr - 2nd Inst.	Individual	21,626	15
Sharpe, R.W. Mathematics Toronto	Kupisch rings; unimodular buildings 3yr - 1st Inst.	Individual	8,667	16
Sharrock, P. Chimie Sherbrooke	Complexes métalliques d'acides amines et de peptides	Individuelle	11,000	05
Shaver, A.G. Chemistry McGill	Synthetic studies in organometallic chemistry	Individual	14,000	05
Shaw, D.M. Geology McMaster	Geochemical studies of minerals and rocks 3yr - 3rd Inst.	Individual	41,669	10
Shaw, J. Geography Alberta	Sedimentation by rivers and glaciers 3yr - 1st Inst.	Individual	16,900	10
Shaw, M. Plant Science British Columbia	Studies on host-parasite relations on obligate fungal parasites 3yr - 2nd Inst.	Individual	34,650	03
Shawyer, B.L.R. Mathematics Western Ontario	Summability of series and integrals 3yr - 2nd Inst.	Individual	7,630	16
Sheahan, J.N. Mathematics Alberta	Robust statistical inference	Individual	1,190	14
Sheasby, J.S. Fac. of Eng. Sci. Western Ontario	Oxides: in growth and reduction	Individual	10,400	04
Shegelski, R.J. Geology Lakehead	Precambrian sedimentation and volcanism	Individual	3,117	10
Sheinin, S.S. Physics Alberta	Transmission electron microscopy 3yr - 3rd Inst.	Individual	34,289	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Shemilt, L.W. Chemical Eng. McMaster	Mass transfer and process dynamics 3yr - 2nd Inst.	Individual	19,250	04
Shepherd, G.G. Physics York	Spectral morphology and diagnostics of aurora and airglow 3yr - 2nd Inst.	Individual	82,500	17
Shepherd, G.G. Physics York	* Principal investigator C.D.Anger(Calgary)	Co-op		17
Shepherd, G.G. Physics York	* Principal investigator J.W.MacDougall(Western Ontario)	Co-op		17
Shepherd, G.G. Physics York	* Principal investigator G.Rostoker(Alberta)	Co-op		17
Shepherd, G.G. Physics York	Science team support for spacelab WAMDII * with C.D.Anger, L.L.Cogger, J.W.Haslett(Calgary), E.J.Llewellyn, K.V.Paulson(Sask.), R.A.Koehler, J.C.McConnell(York), D.R.Moorcroft(Western Ontario), R.L.Gattinger(Herzberg Inst.- NRC)	Co-op	45,000	17
Shepherd, M.M. Computer Science York	Empirical magnetospheric models 3yr - 1st Inst.	Individual	4,000	17
Sheppard, D.M. Physics Alberta	* Principal investigator G.A.Moss(Alberta)	Project		27
Sheppard, D.M. Physics Alberta	Low energy nuclear physics at the University of Alberta 7 MeV van de Graaff * with J.M.Cameron, W.K.Dawson, W.J.McDonald, G.C.Neilson, W.C.Olsen, J.T.Sample(Alberta)	Group	75,000	22
Sheppard, D.M. Physics Alberta	* Principal investigator G.Roy(Alberta) 3yr - 2nd Inst.	Co-op		27
Sherbourne, A.N. Civil Engineering Waterloo	Behaviour & design of civil engineering structures 3yr - 3rd Inst.	Individual	35,026	06
Sherif, H.S. Physics Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sherif, H.S. Physics Alberta	Exchange effects in proton scattering pion production and inelastic scattering - Bremsstrahlung in heavy ion collisions 2yr - 1st Inst.	Individual	4,210	15
Sherk, F.A. Mathematics Toronto	Classification of finite translation planes 3yr - 2nd Inst.	Individual	3,815	16
Sherman, I.A. Biomed Sciences Toronto	Interfacial tension effects in biological systems 3yr - 1st Inst.		10,000	02
Sherrick, M.F. Psychology Memorial	Perception of induced visual motion 3yr - 2nd Inst.	Individual	3,300	12
Sherry, D.F. Psychology Toronto	Food storage in animals: functions and mechanisms 3yr - 2nd Inst.		11,000	12
Shettleworth, S.J. Psychology Toronto	Constraints on learning: studies of function and mechanism 3yr - 2nd Inst.	Individual	24,640	12
Shewchuk, J. Mechanical Eng. Manitoba	Increasing the fatigue strength of metallic materials 3yr - 2nd Inst.	Individual	12,650	13
Shields, D.H. Civil Engineering Manitoba	Insitu deformation properties of undersea permafrost * with L.Domaschuk(Manitoba) 3yr - 1st Inst.	Group	24,000	06
Shin, Y.M. Physics Saskatchewan	* Principal investigator J.M.Cameron(Alberta)	Project		27
Shin, Y.M. Physics Saskatchewan	Study of Photonuclear Reactions and Support of a National Research Associate	Individual	79,000	22
Shin, Y.M. Physics Saskatchewan	Feasibility Study of a Large-Scale Racetrack Microntron * with C.J.J.Brassard, P.H.M.Depommier, P.F.Hinrichsen, H.A.Jeremie, B.Lorazo, L.Lessard, J.P.Martin(Montréal)	Co-op	30,000	22
Shinbrot, M. Mathematics Victoria	Fluid mechanics, statistical mechanics, and applied mathematics 3yr - 3rd Inst.	Individual	27,932	16
Shinghal, R. Computer Science Concordia	Optical character recognition	Individual	8,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Shinozaki, D.M. Mechanical Eng. Western Ontario	Deformation mechanisms in glassy polymers 3yr - 3rd Inst.	Individual	12,078	13
Shiva, S.G.S. Electrical Eng. Ottawa	Coding in spread spectrum systems 3yr - 2nd Inst.	Individual	12,100	11
Shivakumar, P.N. Applied Math. Manitoba	Matrices finite and infinite and their applications 3yr - 1st Inst.	Individual	2,722	16
Shivers, R.R. Zoology Western Ontario	Regeneration of motor nerves and glia in crustaceans. Freeze-fracture studies of membrane dynamics 3yr - 2nd Inst.	Individual	20,350	01
Shizgal, B. Chemistry British Columbia	Kinetic theory of rate processes with application to aeronomy and space science 3yr - 1st Inst.	Individual	20,500	05
Shizgal, P. Psychology Concordia	Rewarding and aversive effects of electrical brain stimulation in the rat: Behavioral procedures for tracing the underlying neural pathways 3yr - 3rd Inst.	Individual	12,078	12
Snider, S.D. Mathematics McGill	Symmetries of gauge fields 3yr - 2nd Inst.	Individual	13,564	16
Shoemaker, E.M. Mathematics Simon Fraser	Studies in glaciology and tectonophysics	Individual	12,000	10
Shook, C.A. Chem & Chem Eng. Saskatchewan	Research in fluid-solids systems 3yr - 2nd Inst.	Individual	20,350	04
Shorthouse, J.D. Biology Laurentian	Inhabitants of plant galls; their role in gall community ecology, gall development, and host-plant relationships 3yr - 3rd Inst.	Individual	10,870	18
Shortreed, J.H. Civil Engineering Waterloo	Design of transit systems 3yr - 2nd Inst.	Individual	18,150	06
Shoucri, M.M. INRS - Energie Québec-INRS	1) A study of the instability of two pumped waves 2) A project for theory and computation in brillouin backscatter 3ans - 3ième vers.	Individuelle	3,020	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Shridhar, M. Electrical Eng. Windsor	Digital signal processing on speaker verification and filter design * with M.A.Sid-Ahmed, M.Ahmadi(Windsor)	Group	10,800	11
Shrivastava, S.C. Civ Eng/App Mecn McGill	Inelastic buckling of plates 3yr - 2nd Inst.	Individual	9,900	06
Shrive, N.G. Civil Engineering Calgary	Theoretical and experimental determination of engineering properties of composite materials 3yr - 3rd Inst.	Individual	12,078	06
Shrive, N.G. Civil Engineering Calgary	* Principal investigator J.B.Hyne(Calgary) 3yr - 2nd Inst.	Co-op		21
Shuel, R.W. Environ. Biology Guelph	Nutrition and photoperiod in the physiology of overwintering honeybees 3yr - 3rd Inst.	Individual	7,609	01
Shukla, R.C. Physics Brock	Thermodynamic, transport and anharmonic properties of solids 3yr - 1st Inst.	Individual	11,000	15
Shultz, T.R. Psychology McGill	Development of knowledge of mathematical functions in children	Individual	8,800	12
Shurvell, H.F. Chemistry Queen's	Infrared and Raman spectroscopy 3yr - 1st Inst.	Individual	20,500	05
Shuter, W.L.H. Physics British Columbia	Investigations of interstellar matter and galactic structure 3yr - 2nd Inst.	Individual	17,600	17
Shwedyk, E. Electrical Eng. Manitoba	Biological signal processing 3yr - 3rd Inst.	Individual	7,972	11
Sichler, J.J. Mathematics Manitoba	Universal categories of algebras 3yr - 1st Inst.	Individual	12,442	16
Sid-Ahmed, M.A. Electrical Eng. Windsor	* Principal investigator M.Shridhar(Windsor)	Group		11
Siddall, J.N. Mechanical Eng. McMaster	Analytical theory of design and development of design algorithms 3yr - 2nd Inst.	Individual	19,250	13
Siddiqi, J.A. Mathématiques Laval	Classes quasi-analytique, approximation sur les variétés complexes et l'analyse spectrale 3ans - 2ième vers.	Individuelle	7,630	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Siegel, S. Psychology McMaster	Pavlovian conditioning of the effects of ethanol and nicotine 3yr - 3rd Inst.	Individual	26,572	12
Silver, E.A. Management Sciences Calgary	Applications of heuristic solution procedures to problems in industrial engineering and operational research 3yr - 1st Inst.	Individual	22,589	20
Silver, E.A. Management Sciences Waterloo	Applications of heuristic solution procedures to problems in industrial engineering and operational research	Individual	11,411	20
Silver, J.C. Life Sciences Toronto	Effects of steroid hormone on chromatin in fungi 3yr - 2nd Inst.	Individual	18,700	02
Silverberg, N. Oceanography Québec-Rimouski	Sediment accumulation phenomena in the St. Lawrence Estuary	Individual	10,000	10
Silvester, P.P. Electrical Eng. McGill	Computational analysis of electromagnetic fields and devices * with Z.J.Csendes, D.A.Lowther(McGill)	Group	41,000	11
Silveston, P.L. Chemical Eng. Waterloo	* Principal investigator R.R.Hudgins(Waterloo) 3yr - 1st Inst.	Group		04
Silvestri, V. Génie civil Ecole Polytech.	Résistance au cisaillement des argiles sensibles de l'est du Canada	Individuelle	10,000	10
Simard, C. Vivres Laval	Interactions et comportements technologiques des protéines alimentaires 3ans - 1er vers.		10,000	03
Simard, R.E. Vivres Laval	Analysis of biogenic amines in foods 3ans - 1er vers.	Individuelle	9,000	03
Simkin, D.J. Chemistry McGill	Spectroscopic and magneto optical studies of luminescence from solids activated by impurities and/or defects 3yr - 1st Inst.	Individual	16,500	05
Simkin, D.J. Chemistry McGill	Studies of the luminescence of s2 ions in alkali halide single crystals * with P.W.M.Jacobs, M.J.Stillman(Western Ontario)	Co-op	21,000	05
Simmonds, S.H. Civil Engineering Alberta	1) Shells of revolution 2) Reinforced concrete slabs 3yr - 1st Inst.	Individual	16,500	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Simon, J.P. Sciences biolog. Montréal	Adaptation et évolution des écotypes au niveau enzymatique 3ans - 2ième vers.	Individuelle	11,000	03
Simony, P.S. Geology Calgary	Structure of Mackie and Bonnington plutons 3yr - 3rd Inst.	Individual	6,039	10
Simpson, A.M. Physics Dalhousie	Ultrasonic velocity and attenuation in layered compounds	Individual	8,250	15
Simpson, F. Geology Windsor	Cratonic-interior sedimentation and related tectonic controls 3yr - 1st Inst.	Individual	14,500	10
Simpson, G.M. Crop Science Saskatchewan	An analysis of the role of growth regulators and environmental factors in dormancy of wild oat (<i>Lavena fatua</i>) seeds using a systems approach 3yr - 3rd Inst.	Individual	14,494	03
Simpson, J.J. Physics Guelph	Study of fundamental nuclear and particle properties	Individual	25,000	22
Simpson, J.J. Physics Guelph	Measurement of neutrinoless double beta-decay of ^{76}Ge * with J.L.Campbell(Guelph), H.Malm(Aptec Eng. Ltd.)	Co-op	34,000	22
Simpson, R.B. Computer Science Waterloo	Research in numerical methods for partial differential equations 3yr - 2nd Inst.	Individual	15,620	07
Sims, G.E. Mechanical Eng. Manitoba	1) Heat transfer in two-phase two-component flow 2) Pool boiling simulation 3) Condensation of vapour bubbles 3yr - 3rd Inst.	Individual	12,078	13
Sinclair, A.U. Geological Sciences British Columbia	Mineral deposits of the Canadian Cordillera--rock geochemistry, geostatistics and genetic models 3yr - 3rd Inst.	Individual	12,078	10
Sinclair, A.R.E. Zoology British Columbia	Dynamics of terrestrial vertebrate ecosystems 3yr - 3rd Inst.	Individual	16,909	18
Sinclair, A.R.E. Zoology British Columbia	* Principal investigator C.J.Krebs(B.C.) 3yr - 2nd Inst.	Co-op		18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sinclair, J. Biology Carleton	Studies on photosynthetic oxygen evolution and the influence of P.C.B. contamination 3yr - 3rd Inst.	Individual	9,662	03
Sinclair, R. Biology McGill	Regulation of energy metabolism in mammalian cells 3yr - 2nd Inst.	Individual	4,400	02
Singer, M. Psychology Manitoba	Cognitive processes of inference in language comprehension 3yr - 3rd Inst.	Individual	2,899	12
Singh, A.C. Math/Statistics Memorial	Chi square type index for log linear models/ Robust sequential testing 3yr - 2nd Inst.	Individual	2,508	14
Singh, B. Géographie Montréal	Etudes à long terme de quelques aspects de l'hydrométéorologie et la microclimatologie de la région de la Baie James, Québec	Individuelle	9,500	10
Singh, M. Mathematics Simon Fraser	Dispersive wave phenomena, magnetohydrodynamics 3yr - 1st Inst.	Individual	3,499	16
Singh, M.C. Mechanical Eng. Calgary	Wave propagation in solids and crack propagation in pipelines 3yr - 1st Inst.	Individual	11,000	13
Singh, R.S. Math/Statistics Guelph	1) Empirical bayes in scale exponential and regression models 2) Estimations of distribution functions and limit theorems 3yr - 1st Inst.	Individual	7,625	14
Singh, R.S. Biology McMaster	Genic diversity in natural populations of Drosophila pseudoobscura 3yr - 2nd Inst.	Individual	26,400	02
Singh, R.S. Biology McMaster	Study of genetic variation in heat-shock proteins and their DNA coding sequences in Drosophila * with L.A.Moran(Toronto) 3yr - 1st Inst.	Co-op	28,000	02
Singh, S.M. Zoology Western Ontario	Nature of genetic variability and its practical applications in natural populations 3yr - 3rd Inst.	Individual	14,494	18
Singh, S.P. Math/Statistics Memorial	Best simultaneous approximation and applications 3yr - 1st Inst.	Individual	1,666	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Singhal, K. Systems Design Waterloo	Statistical design of networks	Individual	16,900	11
Sinha, N.K. Electrical Eng. McMaster	Industrial applications of modern control theory 3yr - 2nd Inst.	Individual	18,590	11
Sinha, N.K. Electrical Eng. McMaster	* Principal investigator J. Tlustý (McMaster) 3yr - 2nd Inst.	Co-op		13
Sinha, R.N. Graduate Studies Manitoba	Multivariate study of post- harvest quality loss in stored cereals and oilseeds 3yr - 3rd Inst.	Individual	14,494	18
Sinha, S.K. Statistics Manitoba	1) Estimation of a mean in the presence of extreme observations 2) Monte Carlo study on the least square estimates of parameters of mixture distributions 3yr - 3rd Inst.	Individual	3,137	14
Sion, M. Mathematics British Columbia	Applications of vector-valued measures 3yr - 3rd Inst.	Individual	6,284	16
Sivak, J.G. Optometry Waterloo	Vertebrate visual optics 3yr - 2nd Inst.	Individual	20,900	01
Sivasubramanian, P. Biology New Brunswick	Developmental neurobiology of insects 3yr - 1st Inst.	Individual	10,000	01
Sjerve, D. Mathematics British Columbia	1) Geometry of 2 complexes. 2) Tate cohomology and Spanier- Whitehead duality. 3) A duality between the Steenrod and Dyer- Lashof algebras. (3 proposals) 3yr - 1st Inst.	Individual	7,000	16
Skarsgard, H.M. Physics Saskatchewan	Plasma physics * with A.Hirose, G.Pocobelli, L.W.Schott (Sask.) 3yr - 2nd Inst.	Group	110,000	15
Skippen, G.B. Geology Carleton	Geochemistry of pelitic schists and marbles from eastern Ontario; geochemistry of the Hotteluk Complex, British Columbia 3yr - 2nd Inst.	Individual	17,600	10
Sklash, M.G. Geology Windsor	Investigation of the role of groundwater in storm runoff	Individual	10,000	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Skopik, D.M. Physics Saskatchewan	Electro- and photo- disintegration studies	Individual	28,000	22
Skuce, D. Computer Science Ottawa	Applications of logic-based languages and systems to requirements declarations	Individual	4,000	07
Skura, B.J. Food Science British Columbia	Mechanisms of bacterial spoilage of food mycosystems and of bacterial adhesion of food surfaces 3yr - 2nd Inst.	Individual	11,000	03
Slamecka, N.J. Psychology Toronto	The generation effect 3yr - 3rd Inst.	Individual	14,494	12
Slawson, P.R. Mechanical Eng. Waterloo	Practical diffusion problems in the planetary boundary layer 3yr - 2nd Inst.	Individual	18,700	13
Slaymaker, H.O. Geography British Columbia	Theoretical and applied significance of solute and sediment production, transport and yield in southern coast mountains 3yr - 3rd Inst.	Individual	10,266	10
Slemon, G.R. Electrical Eng. Toronto	Electric motors and drives 3yr - 1st Inst.	Individual	37,700	11
Slessor, K.N. Chemistry Simon Fraser	Pheromones of destructive forest insects 3yr - 2nd Inst.	Individual	11,000	05
Slinger, S.J. Nutrition Guelph	Fish nutrition 3yr - 1st Inst.	Individual	26,500	01
Slingerland, F.W. Mechanical Eng. Laval	Prévision et réduction du bruit des machines industrielles	Individual	7,000	13
Slinkard, A.E. Crop Science Saskatchewan	MCPA resistance in lentils 3yr - 3rd Inst.	Individual	6,039	03
Slobodrian, R.J. Physique Laval	Réactions nucléaires et phénomènes de polarisation	Individuelle	32,000	22
Slocombe, J.O.D. Pathology Guelph	Analysis of variables in ecdysis, growth and development of immature strongylata 1) Haemonchus contortus 2) Strongylus vulgaris 3yr - 2nd Inst.	Individual	20,900	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Small, R.D. Mathematics New Brunswick	Finite difference methods 3yr - 3rd Inst.	Individual	3,047	16
Smeltzer, W.W. Metal/Mat. Science McMaster	Metal oxidation, ionic diffusion and defect structures in solid metal oxides, nitrides and sulfides 3yr - 2nd Inst.	Individual	36,850	04
Smith, A. Mathematics Carleton	Growth of nuclei 3yr - 2nd Inst.	Individual	2,120	16
Smith, A.A. Civil Engineering McMaster	Computer simulation of homogeneous and stratified free surface flows	Individual	16,000	06
Smith, A.C. Mathematics Windsor	1) Classical and generalised fluid dynamics 2) Acceleration of convergence 3yr - 2nd Inst.	Individual	7,630	16
Smith, C.D. Civil Engineering Saskatchewan	Hydraulic structures for application in water resources engineering 3yr - 2nd Inst.	Individual	13,750	06
Smith, C.T. Psychology Trent	Relation of sleep states and learning 3yr - 3rd Inst.	Individual	5,918	12
Smith, D.G. Geography Calgary	Geomorphology and sedimentology of anastomosed river systems	Individual	6,500	10
Smith, D.G.W. Geology Alberta	Applications of the microprobe in mineralogy, petrology, economic geology and meteoritics 3yr - 1st Inst.	Individual	30,000	10
Smith, D.W. Civil Engineering Alberta	Examination of factors affecting ozone disinfection of wastewater 3yr - 3rd Inst.	Individual	15,701	06
Smith, F.R. Chemistry Memorial	1) Catalysis of hydrogen evolution by absorbed hydrogen. 2) Ferrous alloy electrodeposition. 3) Redox electrode kinetics 3yr - 2nd Inst.	Individual	7,700	05
Smith, G.K. Psychology McMaster	Biological and behavioural development of rats reared in isolation 3yr - 3rd Inst.	Individual	13,769	12
Smith, G.W. Mining/Metal. Eng. McGill	Heats of adsorption and wetting on naturally floatable minerals 3yr - 2nd Inst.	Individual	8,800	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Smith, H.J.T. Physics Waterloo	Properties of thin films 3yr - 3rd Inst.	Individual	17,151	15
Smith, H.W. Electrical Eng. Toronto	Analysis, modelling and control of mineral processes 3yr - 1st Inst.	Individual	10,400	04
Smith, J.G. Chemistry Waterloo	1) Reductive metalation of unsaturated organic compounds 2) Alkyl substituted isobenzofurans and transient reactive synthons 3yr - 1st Inst.	Individual	17,000	05
Smith, J.H.G. Faculty of Forestry British Columbia	Tree-ring analyses to improve yields of natural and planted stands 3yr - 3rd Inst.	Individual	12,078	18
Smith, J.J.B. Zoology Toronto	Physiology of feeding and chemoreception in insects 3yr - 3rd Inst.	Individual	20,823	01
Smith, J.N.M. Zoology British Columbia	Dispersal in song bird populations	Individual	18,000	18
Smith, J.N.M. Zoology British Columbia	* Principal investigator C.J.Krebs(B.C.) 3yr - 2nd Inst.	Co-op		18
Smith, J.W. Chemical Eng. Toronto	Heat, mass and momentum transfer applied to the transportation of gas from the Arctic, the removal of particulates and sulphurous compounds in packed beds, properties and control of acid aerosols 3yr - 1st Inst.	Individual	17,500	04
Smith, K.C. Electrical Eng. Toronto	Control of experiments	Individual	22,100	11
Smith, K.N. Civil Engineering Waterloo	1) Reinforced concrete deep beams 2) Construction methods and management 3yr - 1st Inst.	Individual	13,200	06
Smith, M. Psychology Toronto	Contextual effects in reading 3yr - 1st Inst.	Individual	13,000	12
Smith, M.J. Biolog. Sciences Simon Fraser	Studies of genomic DNA sequence content and arrangement in Eukaryotes: Phylogenetic comparisons and transcriptional homologies in development 3yr - 2nd Inst.	Individual	26,400	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Smith, M.W. Geography Carleton	Thermal properties of freezing soils	Individual	4,960	10
Smith, P.C. Biology Acadia	Feeding ecology of shorebirds 3yr - 2nd Inst.	Individual	5,500	18
Smith, P.J. Chem & Chem Eng. Saskatchewan	1) Organic reaction mechanisms 2) Isotope effect studies on elimination reactions 3) Nature of the transition state 4) Michael addition to alpha beta unsaturated carbonyl compounds	Individual	10,000	05
Smith, R.A. Mathematics Toronto	Some problems in analytic number theory 3yr - 2nd Inst.	Individual	2,120	16
Smith, R.J.F. Biology Saskatchewan	Behaviour and endocrinology of fishes 3yr - 2nd Inst.	Individual	15,400	01
Smith, R.W. Metallurgical Eng. Queen's	1) Some aspects of Solidification:-growth and properties of eutectics, structure control in cast-metal, Hadfield's steel; 2) Solid-state phase transitions 3yr - 1st Inst.	Individual	21,000	04
Smith, S.H. Mathematics Toronto	Boundary layers in rotating fluids 3yr - 2nd Inst.	Individual	5,636	16
Smith, S.M. Biology Waterloo	Mortality and regulation in insect populations 3yr - 1st Inst.	Individual	15,000	18
Smith, T.E. Geology Windsor	Archean magmatism and tectonics: a geochemical study of the evolution of granitic rocks in the Superior Province and subsidiary projects 3yr - 2nd Inst.	Individual	13,750	10
Smith, T.K. Nutrition Guelph	Role of dietary amino acids in regulation of protein synthesis for growth and development 3yr - 3rd Inst.	Individual	14,494	02
Smith, V.H. Chemistry Queen's	Role of correlation and bonding in electronic systems 3yr - 1st Inst.	Individual	41,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Smith, W.R. Math/Statistics Guelph	1) Statistical mechanics of fluids and fluid mixtures. 2) Calculation of chemical and phase equilibrium in real and ideal mixtures. 3) Mathematical modeling of hormone interactions. 4) Mathematical problems in renewable resource management 2yr - 2nd Inst.	Individual	20,900	05
Smith-Palmer, T. Chemistry St. F. Xavier	Chemical biology of silicates	Individual	11,000	05
Smolinski, W.J. Electrical Eng. New Brunswick	Digital protection of power systems 3yr - 2nd Inst.	Individual	8,250	11
Smy, P.R. Electrical Eng. Alberta	Plasma applications in combustion and circuit breakers 3yr - 1st Inst.	Individual	38,400	15
Smylie, D.E. Earth Sciences York	Dynamics of the earth 3yr - 2nd Inst.	Individual	41,800	10
Snaith, V.P. Mathematics Western Ontario	Stable homotopy of units in rings - their galois modules, algebraic K-theory and algebraic cobordism 3yr - 2nd Inst.	Individual	13,564	16
Sniatycki, J.Z. Math/Statistics Calgary	Symplectic geometry, field theory and geometric quantization 3yr - 1st Inst.	Individual	10,000	15
Snider, N.S. Chemistry Queen's	Theory of reaction rates 3yr - 1st Inst.	Individual	5,400	05
Snider, R.F. Chemistry British Columbia	Kinetic theory 3yr - 1st Inst.	Individual	31,000	05
Snieckus, V.A. Chemistry Waterloo	1) New synthetic methods. 2) Total synthesis of natural products	Individual	25,000	05
Snodgrass, W.J. Civil Engineering McMaster	Predictive oxygen model for lakes	Individual	5,000	06
Snodgrass, W.J. Civil Engineering McMaster	* Principal investigator G.P.Harris(McMaster) 3yr - 2nd Inst.	Co-op		18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee
Nom Département Université	But de la subvention	Genre	Montant \$ Comité
Soberman, R.M. Civil Engineering Toronto	Energy efficiency in transport 3yr - 2nd Inst.	Individual	13,200 06
Sobrinho, L.D. Physics British Columbia	Non-equilibrium thermodynamics and statistical mechanics 3yr - 2nd Inst.	Individual	12,068 15
Sofko, G.J. Physics Saskatchewan	Spectral and polarization studies of 42 MHz auroral scatter; analysis of stare data 3yr - 3rd Inst.	Individual	12,078 17
Sofko, G.J. Physics Saskatchewan	* Principal investigator G.Rostoker(Alberta)	Co-op	17
Sofko, G.J. Physics Saskatchewan	* Principal investigator D.J.McEwen(Sask.) 3yr - 1st Inst.	Co-op	17
Sofko, G.J. Physics Saskatchewan	* Principal investigator D.R.Moorcroft(Western Ontario)	Co-op	17
Sokhansanj, S. Agricuilt. Eng. Saskatchewan	Study of heat and mass transfer in porous heat storage materials such as rock and concrete 3yr - 1st Inst.	Individual	9,500 13
Soler, F. Physique/math Moncton	R- et r2-variétés différentiables: applications 3ans - 1er vers.	Individuelle	2,444 16
Soliman, H.M. Mechanical Eng. Manitoba	Two-phase flow patterns of condensing fluids 3yr - 3rd Inst.	Individual	10,508 13
Solitar, D. Mathematics York	Treed HNN groups and applications 3yr - 2nd Inst.	Individual	13,564 16
Solntseff, N. Mathematical Sci. McMaster	Programming languages for concurrent processing	Individual	5,500 07
Solomon, K.R. Environ. Biology Guelph	Toxic interactions between pesticides in aquatic organisms	Individual	5,500 01
Solomon, S.I. Civil Engineering Waterloo	Application of space technology to hydrology and water resources 3yr - 1st Inst.	Individual	17,500 06
Soltis, J.J. Electrical Eng. Windsor	Chromatic aberration and liquid- crystal transducer applied to industrial automation	Individual	1,500 11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Somerville, C.R. Genetics Alberta	Genetic modification of photorespiratory carbon and nitrogen metabolism 3yr - 1st Inst.	Individual	27,000	03
Song, A.K.S. Physics Ottawa	Defect structure in insulators 3yr - 1st Inst.	Individual	12,850	15
Sonnenfeld, P. Geology Windsor	Evaporite formation	Individual	8,500	10
Sonstegard, R.A. Biology McMaster	Studies of the etiology and epizootiology of hematopoietic neoplasia in soft-shell clams (Mya arenaria) 3yr - 1st Inst.	Individual	20,000	02
Soper, R.U. Soil Science Manitoba	An investigation of the sources of nitrogen which are used by plants growing in the soil 3yr - 1st Inst.	Individual	15,000	03
Sorensen, T.S. Chemistry Calgary	A multi-purpose study of observable carbocations 3yr - 3rd Inst.	Individual	41,790	05
Sorenson, P.G. Computer Science Saskatchewan	Database application development and database design and optimization 3yr - 1st Inst.	Individual	15,000	07
Sorger, G.U. Biology McMaster	Regulation of nitrate reductase in Neurospora 3yr - 3rd Inst.	Individual	33,818	02
Sosulski, F.W. Crop Science Saskatchewan	Characteristics, utilization and nutritive value of vegetable proteins 3yr - 3rd Inst.	Individual	39,857	03
Soudack, A.C. Electrical Eng. British Columbia	Modelling, simulation and control of ecosystems 3yr - 2nd Inst.	Individual	10,560	21
Soumagne, J.R. Génie électrique Sherbrooke	Phénomène d'écho dans les transmissions téléphoniques numériques avec concentrateur de voies actives	Individuelle	7,400	11
Soumis, F. Méth. quant. gest. Montréal	Modèle d'équilibre pour le problème général de l'affectation du trafic 3ans - 2ième vers.		12,400	20
Sourour, A.R. Mathematics Victoria	Operators on Hilbert and Banach spaces 3yr - 3rd Inst.	Individual	6,284	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
South, G.R. Biology Memorial	Floristic/ecological and life history studies of marine algae; ecology of ombrotrophic/minerotrophic bog pools in Newfoundland 3yr - 3rd Inst.	Individual	26,572	18
Southern, E.W. Physics Manitoba	Theoretical studies in condensed matter physics: 1) Phase transitions 2) Nonlinear excitations	Individual	10,790	15
Souza Machado, V. Horticultural Sci. Guelph	Physiology/genetics of triazine resistance in broadleaf plants 3yr - 2nd Inst.	Individual	15,400	02
Sowerby, R. Mechanical Eng. McMaster	Researches in sheet and bulk metal forming 3yr - 1st Inst.	Individual	22,500	13
Spanos, N.P. Psychology Carleton	Hypnotic and amnesia and disorganization 3yr - 1st Inst.	Individual	7,000	12
Spanos, T.J.T. Physics Alberta	Transport phenomena during "in-situ" recovery	Individual	10,000	10
Sparks, G.A. Civil Engineering Saskatchewan	Movement of goods in urban areas 3yr - 2nd Inst.	Individual	15,400	06
Sparling, A.B. Civil Engineering Manitoba	Removal of heavy metals from waste effluents 3yr - 1st Inst.	Individual	9,000	06
Spence, I. Psychology Toronto	The analysis of similarity data 3yr - 1st Inst.	Individual	12,500	12
Spence, J.R. Entomology Alberta	Niche relationships and species packing among predatory insects 3yr - 2nd Inst.		15,490	18
Spencer, A.N. Zoology Alberta	The cellular basis of behaviour in a coelenterate (Polyorchis penicillatus) with particular reference to the control of swimming 3yr - 3rd Inst.	Individual	24,156	02
Spencer, M.E. Plant Science Alberta	Ethylene, energy metabolism and plant development 3yr - 2nd Inst.	Individual	49,500	03
Spenser, I.D. Chemistry McMaster	Biosynthesis of natural products 3yr - 2nd Inst.	Individual	48,400	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Spiegelman, G.B. Microbiology British Columbia	The control of RNA synthesis in Bacillus subtilis 3yr - 3rd Inst.	Individual	19,325	02
Spink, D.R. Chemical Eng. Waterloo	1) Wet scrubber development studies 2) Metal recovery studies 3) The chemical comminution of coals 3yr - 2nd Inst.	Individual	18,700	04
Spitzer, J.J. Chemistry Lethbridge	Research in electrokinetic phenomena 3yr - 2nd Inst.		11,000	05
Spoor, G.R. Math/Statistics Guelph	Planar curves of minimal order 3yr - 3rd Inst.	Individual	1,047	16
Spooner, E.T.C. Geology Toronto	Geochemical and geological studies of hydrothermal ore deposits 3yr - 1st Inst.	Individual	18,000	10
Spraggs, L.D. Civil Engineering McGill	Mathematical and physical determination of sublethal toxicity 3yr - 1st Inst.	Individual	12,500	06
Sprague, J.B. Zoology Guelph	Toxicity of pollutants to aquatic life 3yr - 2nd Inst.	Individual	19,800	01
Spronken, G. Génie-physique Ecole Polytech.	Applications de la méthode de renormalisation dans l'espace direct	Individuelle	6,000	15
Sprott, D.A. Statistics Waterloo	Statistical inference with small samples 3yr - 1st Inst.	Individual	17,000	14
Sprules, W.G. Zoology Toronto	Biomass distribution among plankton components and lake ecosystem functioning 3yr - 1st Inst.	Individual	20,000	18
Sprules, W.G. Zoology Toronto	* Principal investigator J.E. Paloheimo (Toronto) 3yr - 3rd Inst.	Co-op		18
Sprung, D.W.L. Physics McMaster	Theoretical studies of nuclear structure and forces 3yr - 2nd Inst.	Individual	34,397	15
Sreenivasan, S.R. Physics Calgary	Theoretical studies in plasma physics and astrophysics 3yr - 2nd Inst.	Individual	15,400	17
Sridhar, K. Mechanical Eng. Windsor	Study of developing flows 3yr - 1st Inst.	Individual	12,525	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Srinivasan, K. INRS - Energie Québec-INRS	Load response model development/modélisation de la charge	Individual	8,500	11
Srivastava, H.M. Mathematics Victoria	1) Fractional integration techniques in the theory of integral equations 2) Unified study of functions of several variables 3) Special functions in operations research 3yr - 3rd Inst.	Individual	4,190	16
Srivastava, K.D. Electrical Eng. Waterloo	High voltage & insulation engineering for energy transmission distribution & utilization 3yr - 1st Inst.	Individual	37,100	11
Srivastava, L.M. Biolog. Sciences Simon Fraser	1) Control of directed cell growth 2) Phloem transport in marine kelps 3yr - 3rd Inst.	Individual	22,344	03
Srivastava, M.S. Statistics Toronto	Multivariate analysis 3yr - 2nd Inst.	Individual	13,081	14
Srivastava, N.K. Génie civil Moncton	Etude des structures pneumatiques * avec N.Turkkan(Moncton) 3ans - 2ième vers.	Groupe	13,200	06
Stacey, B.U. Physics Toronto	* Principal investigator T.S.Yoon(Toronto)	Project		23
Stacey, B.U. Physics Toronto	* Principal investigator J.D.Prentice(Toronto)	Project		23
Stacey, N.E. Zoology Alberta	Regulation of sexual behaviour and ovulation in goldfish 3yr - 2nd Inst.		17,000	01
Stafford Smith, B. Civil Engineering McGill	Analysis of tall building structures 3yr - 1st Inst.	Individual	18,000	06
Stager, C.V. Physics McMaster	Magnetic properties of solids 3yr - 3rd Inst.	Individual	22,948	15
Stairs, D.G. Physics McGill	Project 78.02 * with D.G.Ryan(McGill)	Project	187,500	23
Stairs, D.G. Physics McGill	* Principal investigator J.D.Prentice(Toronto)	Project		23

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Staley, L.M. Bio-Res. Eng. British Columbia	Solar heating for agricultural operations	Individual	8,500	13
Standil, S. Physics Manitoba	Studies in Cosmic Radiation	Individual	12,000	17
Standing, K.G. Physics Manitoba	Analysis of large biomolecules by mass spectrometry	Individual	20,500	22
Stangeby, P.C. Aerospace Studies Toronto	Gas target neutron generator studies for fusion energy and cancer therapy applications 3yr - 3rd Inst.	Individual	17,151	15
Stanislav, J.F. Chemical/Pet. Eng. Calgary	Two phase flow in inclined pipes 3yr - 1st Inst.	Individual	8,500	04
Stanley, D.W. Food Science Guelph	Texture-structure relationships in food 3yr - 3rd Inst.	Individual	17,857	01
Stansbury, E.J. Physics McGill	Lightning flash locations related to radar precipitation patterns 3yr - 1st Inst.	Individual	6,500	17
Stansfield, B.L. INRS - Energie Québec-INRS	Impurity transport in tokamak plasmas	Individuelle	9,900	15
Stanton, R.G. Computer Science Manitoba	Computer algorithms in combinatorics 3yr - 3rd Inst.	Individual	42,152	07
Stapleton, P.J. Home Economics British Columbia	Relationship between dietary lysine and tissue carnitine in the pregnant and lactating rat	Individual	5,174	02
Starkermann, R. Mechanical Eng. New Brunswick	Analysis and synthesis of multivariable automatic control systems	Individual	500	13
Starkes, J.L. Physical Education McMaster	* Principal investigator F.A.Allard(Waterloo) 3yr - 1st Inst.	Group		12
Starkey, J. Geology Western Ontario	Analysis of the fabrics of deformed rocks 3yr - 2nd Inst.	Individual	12,650	10
St-Arnaud, J.M.R. Physique Qué.-Trois-Riv	Etude de propriétés piézo- et élasto-optiques de liquides 3ans - 2ième vers.	Individuelle	9,350	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
St.Arnaud, R.U. Soil Science Saskatchewan	Mineralogical and micromorphological studies in relation to soil genesis 3yr - 2nd Inst.	Individual	22,000	03
Stathopoulos, T. Ctre.-Build. Stud. Concordia	Wind effects on buildings and their codification 3yr - 2nd Inst.	Individual	9,900	06
Stauffer, A.D. Physics York	Atomic structure and atomic collision calculations 3yr - 3rd Inst.	Individual	11,474	15
Stauffer, M.R. Geological Sciences Saskatchewan	Structures in rocks 3yr - 3rd Inst.	Individual	15,098	10
St. Claire-Smith, R.U. Psychology Wilfrid Laurier	Tests of a signal theory of conditioning 3yr - 3rd Inst.	Individual	7,730	12
Stearn, C.W. Geological Sciences McGill	Paleoecology of reefs 3yr - 3rd Inst.	Individual	21,740	10
Steel, C.G.H. Biology York	Neuroendocrine control mechanisms in crustacea and insects 3yr - 3rd Inst.	Individual	11,474	01
Steele, D.H. Biology Memorial	Ecology of marine intertidal and shallow-water animals 3yr - 3rd Inst.	Individual	21,740	18
Steele, J.E. Zoology Western Ontario	Metabolic and developmental regulatory mechanisms in insects 3yr - 1st Inst.	Individual	12,000	01
Steele, V.J. Biology Memorial	Photoperiod, neuroendocrine glands and reproductive cycles in Gammarus species 3yr - 1st Inst.	Individual	7,000	01
Steenaaart, W. Electrical Eng. Ottawa	Digital filter implementation, digital communications	Individual	12,300	11
Steer, R.P. Chem & Chem Eng. Saskatchewan	Molecular photochemistry, photophysics and spectroscopy	Individual	25,000	05
Steeves, J.D. Zoology British Columbia	Neural control of the locust jump and central nervous system development 3yr - 2nd Inst.	Individual	8,800	01
Steeves, T.A. Biology Saskatchewan	Morphogenetic studies of vascular plants 3yr - 3rd Inst.	Individual	16,305	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stefanovic, V.R. Electrical Eng. Concordia	Control and dynamic performance of variable speed motor drives 3yr - 2nd Inst.	Individual	12,430	11
Stefansson, E.R. Plant Science Manitoba	Variation and chemical composition of rapeseed 3yr - 2nd Inst.	Individual	23,870	03
Steiger, J.H. Psychology British Columbia	Research in cognitive psychology and psychometrics 3yr - 1st Inst.	Individual	8,000	12
Stein, J.R. Botany British Columbia	Biology of freshwater and estuarine algae 3yr - 2nd Inst.	Individual	11,000	18
Stein, R.A. Electrical Eng. Calgary	Signal processing studies	Individual	8,000	11
Steinbach, M.U. Psychology York	Abnormalities of the human visual system: Their importance in understanding normal functioning 3yr - 1st Inst.	Individual	27,000	12
Steiner, A.L. Zoology Alberta	Small mammal, wasp, behavior, eco-ethology 3yr - 2nd Inst.	Individual	14,300	18
Steinitz, M.O. Physics St. F. Xavier	Experimental studies in condensed matter physics 3yr - 1st Inst.	Individual	13,230	15
Steliou, K. Chemistry Montréal	1) Reagents for organic synthesis 2) Synthesis of heteroatom containing natural products and analogs	Individual	11,000	05
Stelmack, R.M. Psychology Ottawa	Pupillary response as a component of the orienting reaction 3yr - 3rd Inst.	Individual	2,899	12
Stemke, G.W. Microbiology Alberta	Immunological studies of mycoplasma 3yr - 2nd Inst.	Individual	7,700	02
Stene, L.P. Geography Manitoba	Stream ice-breakup and effects on channel morphology	Individual	6,000	10
Stephens, M.A. Mathematics Simon Fraser	Goodness-of-fit/analysis of vectorial data/robustness 3yr - 1st Inst.	Individual	15,830	14
Stephens, R. Chemistry Dalhousie	New techniques for trace analysis by atomic spectroscopy 3yr - 2nd Inst.	Individual	19,228	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stephenson, G.R. Environ. Biology Guelph	Mechanisms of herbicide selectivity in plants 3yr - 1st Inst.	Individual	20,000	03
Stephenson, J. Physics Alberta	Theory of critical phenomena and thermodynamics of fluid & magnetic systems 3yr - 1st Inst.	Individual	8,810	15
Stephenson, J.W. Mathematics Saskatchewan	Finite element multigrid	Individual	800	16
Stern, R.J. Mathematics Concordia	"Generalized targets, weak invariance and optimality in autonomous control systems" 3yr - 2nd Inst.	Individual	8,730	16
Stesky, R.M. Earth/Planet. Sci. Toronto	Geophysical properties of fractured and jointed rock 3yr - 1st Inst.	Individual	15,500	10
Stewart, G.N. Civil Engineering Toronto	1) Loss time in urban transit operation 2) Urban travel demand and the automobile passenger 3yr - 2nd Inst.	Individual	11,000	06
Stevens, E.D. Zoology Guelph	Effect of temperature on muscle performance 3yr - 2nd Inst.	Individual	16,258	01
Stevens, J.R. Physics Guelph	The study of polymeric and inorganic glasses and the molecular dynamics of polymerization through laser light scattering 3yr - 3rd Inst.	Individual	12,682	15
Stevens, R.K. Geology Memorial	Lower Paleozoic evolution of the West Newfoundland and adjacent areas 3yr - 2nd Inst.	Individual	13,200	10
Stevenson, K.J. Chemistry Calgary	Studies on 2-oxoacid dehydrogenase multienzyme complexes and arsenoxides 3yr - 2nd Inst.	Individual	24,200	02
Stevenson, R.M.W. Microbiology Guelph	Virulence factors and immunogens of bacterial pathogens of fish	Individual	10,000	02
Steward, F.R. Chemical Eng. New Brunswick	1) Radiative heat transfer within combustion systems 2) Heat transfer in free burning fires 3) Energy utilization efficiency and conservation studies 3yr - 2nd Inst.	Individual	17,050	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stewart, A.T. Physics Queen's	1) Electronic structure of metals and alloys 2) Positrons and positronium in matter	Individual	41,000	15
Stewart, C.L. Pure Mathematics Waterloo	Effective methods in analytical number theory 3yr - 3rd Inst.	Individual	7,368	16
Stewart, I.C.F. Physics Memorial	Crustal and upper mantle structure, with particular reference to Newfoundland 3yr - 2nd Inst.	Individual	20,790	10
Stewart, J. Psychology Concordia	Hormonal, experiential and neural determinants of sex differences in behavior 3yr - 2nd Inst.	Individual	20,790	12
Stewart, J.D. Mathematical Sci. McMaster	Amalgams of LP and lq 3yr - 2nd Inst.	Individual	1,272	16
Stewart, J.W.B. Soil Science Saskatchewan	1) Phosphorus cycling; 2) Heavy metals and micronutrients in Saskatchewan soils 3yr - 2nd Inst.	Individual	29,040	03
Stewart, K.A. Plant Science Macdonald Coll.	Peduncle abscission in members of the leguminosae 3yr - 1st Inst.	Individual	7,000	03
Stewart, N.F. Infor. & rech opér. Montréal	Development of models and algorithms in transportation theory 3ans - 3ième vers.	Individuelle	21,379	07
Stewart, P.N. Mathematics Dalhousie	Radical classes of associative rings 3yr - 3rd Inst.	Individual	4,190	16
Stewart, R. Chemistry British Columbia	Studies in physical-organic chemistry 3yr - 3rd Inst.	Individual	42,394	05
Stich, H.F. Zoology British Columbia	1) Somatic cell genetics. 2) Enhancing and inhibiting factors of mutagenesis 3yr - 2nd Inst.	Individual	60,500	02
Stiles, M.E. Microbiology Alberta	Detection of Escherichia coli and closely related Enterobacteriaceae 3yr - 1st Inst.	Individual	8,000	03
Still, I.W.J. Chemistry Toronto	Synthesis, functional group transformations and photochemistry of organosulfur compounds 3yr - 1st Inst.	Individual	11,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stillman, M.J. Chemistry Western Ontario	Spectroscopic studies of heme enzymes, porphyrins, phthalocyanines and metal ions	Individual	15,000	05
Stillman, M.J. Chemistry Western Ontario	* Principal investigator D.J.Simkin(McGill)	Co-op		05
Stimpson, B. Mineral Eng. Alberta	Control of spoil pile movements in strip coal mines	Individual	7,000	10
Stinson, G.M. Physics Alberta	* Principal investigator W.T.H.Van Oers(Manitoba)	Project		27
Stinson, G.M. Physics Alberta	* Principal investigator J.M.Cameron(Alberta)	Project		27
Stinson, G.M. Physics Alberta	* Principal investigator G.Roy(Alberta)	Project		27
Stinson, G.M. Physics Alberta	* Principal investigator D.A.Hutcheon(Alberta)	Project		27
Stinson, G.M. Physics Alberta	* Principal investigator G.A.Moss(Alberta)	Project		27
Stinson, R.H. Physics Guelph	Structural studies of collagen and membrane systems 3yr - 2nd Inst.	Individual	9,900	02
St-Jacques, M. Chimie Montréal	Analyse conformationnelle et utilisation de la résonance magnétique nucléaire pour l'étude de molécules organiques 3ans - 2ième vers.	Individuelle	18,700	05
St-Jacques, R.G. INRS - Energie Québec-INRS	Effets d'irradiation d'hélium sur les matériaux d'intérêt en fusion thermonucléaire 3ans - 3ième vers.	Individuelle	13,570	04
Stobart, S.R. Chemistry Victoria	Synthetic and structural organometallic chemistry 3yr - 2nd Inst.	Individual	25,300	05
Stobbe, E.H. Plant Science Manitoba	Impact of tillage systems 3yr - 2nd Inst.	Individual	15,950	03
Stobbs, L.W. Biology Waterloo	Application of serologically specific electron microscopy (SSEM) for the diagnosis of agricultural virus diseases 3yr - 2nd Inst.	Individual	7,700	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stockdale, P.H.G. Veter. Microbiol Saskatchewan	Renal coccidiosis of wild anseriform birds ' with G.A.Wobeser(Sask.) 3yr - 2nd Inst.	Group	8,800	01
Stockey, R.A. Botany Alberta	Cretaceous and tertiary plants of Western Canada	Individual	14,000	10
Stoicheff, B.P. Physics Toronto	Spectroscopy with lasers, and quantum electronics 3yr - 2nd Inst.	Individual	69,091	15
Stokes, P.M. Botany Toronto	Studies of the effects of heavy metals and low pH on algae from contaminated water 3yr - 3rd Inst.	Individual	12,078	18
Stone, J.A. Chemistry Queen's	Gas phase ion-molecule reactions	Individual	15,000	05
Stone, M.G. Math/Statistics Calgary	Endomorphism and subalgebra structure of algebras 3yr - 2nd Inst.	Individual	2,120	16
St-Onge, D.A. Géographie Ottawa	Le lac glaciaire Coppermine	Individuelle	7,900	10
St-Onge, H. Génie-physique Ecole Polytech.	Propriétés électriques des polymères à température et champ électrique élevés 3ans - 2ième vers.	Individuelle	9,680	11
Storey, A.E. Psychology Memorial	The reproductive advantage to female meadow voles of male- induced pregnancy disruptions 3yr - 2nd Inst.	Individual	7,150	12
Storey, K.B. Biology Carleton	Intermediary metabolism in invertebrates: Fuel utilization and biochemical adaptation 3yr - 3rd Inst.	Individual	28,987	02
Storm, J.C. Psychology Mount Allison	Development and organization of semantic relations among emotion terms 3yr - 1st Inst.	Individual	5,000	12
Storr, A. Chemistry British Columbia	Synthesis and structural characterization of pyrazolyl- gallate transition metal complexes 3yr - 3rd Inst.	Individual	17,392	05
Stothers, J.E. Chemistry Western Ontario	Organic applications of NMR spectroscopy 3yr - 1st Inst.	Individual	46,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stott, M.J. Physics Queen's	Theoretical study of electrons in condensed matter and positron annihilation 3yr - 1st Inst.	Individual	26,870	15
St-Pierre, C. Physique Laval	Structure nucléaire et réactions nucléaires	Individuelle	20,500	22
St-Pierre, L.E. Chemistry McGill	Interfacial phenomena in macromolecular systems 3yr - 2nd Inst.	Individual	16,500	05
St-Pierre, S.A. Physiol./Pharmacol. Sherbrooke	* Principal investigator B.Belleau(McGill)	Co-op		05
St-Pierre, S.A. Physiol./Pharmacol. Sherbrooke	* Principal investigator S.Lemaire(Sherbrooke)	Co-op		05
St-Pierre, S.A. Physiol./Pharmacol. Sherbrooke	Design and synthesis of enzyme- resistant peptide hormones * with B.Belleau(McGill), S.Lemaire(Sherbrooke)	Co-op	21,000	05
Strangway, D.W. Geology Toronto	Magnetic and electrical studies of geological significance 3yr - 3rd Inst.	Individual	52,539	10
Straus, N.A. Botany Toronto	DNA sequence arrangement and expression in the genome of chicken 3yr - 2nd Inst.	Individual	27,500	02
Strauss, E. Psychology Victoria	Studies on hemispheric asymmetries and emotion in normal adults and children 3yr - 1st Inst.	Individual	8,500	12
Strausz, O.P. Chemistry Alberta	Fundamental studies in free radicals and photochemistry * with H.E.Gunning(Alberta) 3yr - 1st Inst.	Group	55,000	05
Strayer, F.F. Res. Ctr Mar./Dev Qué-Montréal	Behavioral ecology and social organization of captive primates 3yr - 1st Inst.	Individual	8,100	12
Stringer, P. Geology New Brunswick	Relation of cleavage to folding in the Appalachian - Caledonian orogenic belt 3yr - 2nd Inst.	Individual	9,350	10
Strobeck, C. Genetics Alberta	Random drift in finite populations with various systems of mating 3yr - 2nd Inst.	Individual	17,600	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stroink, G. Physics Dalhousie	Measuring small resistances, magnetic fields and voltages at low temperatures 3yr - 1st Inst.	Individual	13,050	15
Strom-Olsen, J.O. Physics McGill	1) Electrical and magnetic properties of amorphous and disordered systems 2) Electrical and magnetic properties of dilute magnetic alloys 3) Measurement of sublattice magnetization 3yr - 3rd Inst.	Individual	25,364	15
Stromsmoe, K.A. Electrical Eng. Alberta	Realization of highly selective networks by low Q-factor stages 3yr - 2nd Inst.	Individual	11,440	11
Strong, A.B. Mechanical Eng. Waterloo	The modelling and predictions of complex turbulent shear flows 3yr - 2nd Inst.	Individual	18,700	13
Strong, D.F. Geology Memorial	Crustal and metallogenic studies of regions bordering the North Atlantic 3yr - 1st Inst.	Individual	48,000	10
Stroud, T.W.F. Math/Statistics Queen's	Short history forecasting 3yr - 3rd Inst.	Individual	8,242	14
Stuchly, M.A. Electrical Eng. Ottawa	Engineering aspects of interaction of radiofrequency and microwave radiation with biological systems 3yr - 2nd Inst.	Individual	12,100	11
Stuchly, S.S. Electrical Eng. Ottawa	Applications of electromagnetic waves in medicine	Individual	28,000	11
Stupavsky, M. Geology Windsor	Paleomagnetism of the Grenville Front and members of the Cobalt group in the Southern Province	Individual	10,000	10
Styan, G.P.H. Mathematics McGill	Computational and theoretical matrix methods for statistics 3yr - 1st Inst.	Individual	13,665	14
Styles, E.D. Biology Victoria	The genetic control of flavonoid synthesis in maize	Individual	5,000	03
Stynes, D.V. Chemistry York	Thermodynamic, kinetic, and photochemical studies of heme models	Individual	9,500	05
Subbarao, M.V. Mathematics Alberta	Studies in arithmetic functions and partition theoretic problems	Individual	15,553	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Subden, R.E. Botany & Genetics Guelph	Wine yeast genetics and metabolism 3yr - 2nd Inst.	Individual	22,000	02
Suboski, M.D. Psychology Queen's	Learning by imitation 3yr - 1st Inst.	Individual	5,000	12
Suedfeld, P. Psychology British Columbia	The effects of stimulus reduction on cognitive processes	Individual	9,000	12
Suen, C.Y. Computer Science Concordia	Computer recognition of handwritten characters and symbols 3yr - 3rd Inst.	Individual	20,412	07
Sullivan, D.E. Physics Guelph	Theoretical studies of non- uniform fluids	Individual	8,010	15
Sullivan, G.R. Chemical Eng. Waterloo	Theoretical development of practical application of computerized mathematical techniques 3yr - 2nd Inst.		11,000	04
Sullivan, H.F. Mechanical Eng. Waterloo	Energy conservation - residential space heating 3yr - 1st Inst.	Individual	11,000	13
Sullivan, P.A. Aerospace Studies Toronto	Dynamics of flexible skirted air cushion vehicles (ACV) 3yr - 3rd Inst.	Individual	24,156	13
Sullivan, P.J. Applied Math. Western Ontario	Turbulent diffusion 3yr - 1st Inst.	Individual	15,500	13
Summers, D. Math/Statistics Memorial	Astrophysical winds and accretion flows 3yr - 1st Inst.	Individual	8,620	17
Summers, J.D. Animal/Poultry Sc. Guelph	Amino acids: availability, interaction and requirement 3yr - 3rd Inst.	Individual	25,062	01
Summers, J.M. Geological Sciences Queen's	An experimental investigation of the structural development of foreland fold and thrust belts 3yr - 1st Inst.		10,000	10
Summers-Gill, R.G. Physics McMaster	Nuclear spectroscopy	Individual	12,000	22
Summers-Gill, R.G. Physics McMaster	* Principal investigator J.A.Keuhner(McMaster)	Co-op		22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sundaresan, M.K. Physics Carleton	Theoretical investigations in nuclear and elementary particle physics 3yr - 2nd Inst.	Individual	17,193	15
Sundby, E. Oceanography Québec-Rimouski	Estuarine geochemical processes 3yr - 1st Inst.	Individual	17,500	10
Surry, D. Fac. of Eng. Sci. Western Ontario	Unsteady wind loads on structures 3yr - 3rd Inst.	Individual	12,078	06
Sutcliffe, J.F. Biology Waterloo	Studies of black fly (Insecta: Diptera: Simuliidae) feeding behaviour 3yr - 1st Inst.		11,000	01
Suter, G.T. Civil Engineering Carleton	Behaviour and design of masonry structures 3yr - 2nd Inst.	Individual	18,700	06
Sutherland, P.G. Physics McMaster	Theoretical astrophysics 3yr - 1st Inst.	Individual	18,700	17
Sutherland, R.G. Chem & Chem Eng. Saskatchewan	Reactive intermediates in organometallic systems 3yr - 1st Inst.	Individual	19,000	05
Sutherland, W.R.S. Math, Stat & Comp Sc Dalhousie	Multi-stage optimization algorithms 3yr - 1st Inst.	Individual	17,000	07
Sutterlin, A. Mar. Sc. Res. Lab Memorial	Genetic and environmental factors affecting growth, physiology and reproductive patterns in two forms of Atlantic salmon in Nfld. 3yr - 2nd Inst.	Individual	16,500	18
Sutton, D. Chemistry Simon Fraser	Chemistry of coordinated azo and other unsaturated nitrogen ligands 3yr - 1st Inst.	Individual	17,500	05
Sutton, J.C. Environ. Biology Guelph	Growth and survival of fungal pathogens on leaf surfaces 3yr - 3rd Inst.	Individual	26,572	03
Suwanda, H. Computer Science Toronto	Implicit data structures	Individual	6,000	07
Suzuki, D.T. Zoology British Columbia	Temperature-sensitive mutants and genetic, molecular, and functional analysis of redundant loci in <i>Drosophila melanogaster</i> * with T.A. Grigliatti (B.C.) 3yr - 3rd Inst.	Group	78,507	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Suzuki, I. Microbiology Manitoba	Mechanism of sulfur and ammonia oxidation by chemoautotrophic bacteria 3yr - 2nd Inst.	Individual	29,700	02
Svenne, J.P. Physics Manitoba	Theory of nuclear reactions 3yr - 1st Inst.	Individual	8,790	15
Svoboda, J. Mechanical Eng. Concordia	Fluid power control systems 3yr - 1st Inst.	Individual	13,000	13
Svoboda, J. Botany Toronto	Adaptive evolution, age and history of distribution of <i>Dryas integrifolia</i> in the Canadian Arctic 3yr - 3rd Inst.	Individual	8,455	18
Svrcek, W.Y. Chemical Eng. Calgary	Control and simulation of chemical plants: Toxicity of foaming agents: Extraction of metals from ash of coal burning power stations: Viscosity of oil sands hydrocarbons. 3yr - 2nd Inst.	Individual	13,750	04
Swaddle, T.W. Chemistry Calgary	Inorganic solution chemistry at high pressures	Individual	26,000	05
Swaminathan, S. Mathematics Dalhousie	Functional analysis - geometric aspects of banach spaces 3yr - 1st Inst.	Individual	2,722	16
Swamy, M.N.S. Electrical Eng. Concordia	Studies on electrical networks and systems 3yr - 2nd Inst.	Individual	32,670	11
Swanson, C.A. Mathematics British Columbia	Oscillation of differential systems 3yr - 1st Inst.	Individual	15,553	16
Swart, E.R. Combin./Optimiz. Waterloo	An investigation of reducibility with reference to the four colour problem 3yr - 3rd Inst.	Individual	3,231	16
Swart, E.R. Math/Statistics Guelph	An investigation of reducibility with reference to the four colour problem	Individual	231	16
Swatland, H.J. Animal/Poultry Sc. Guelph	Post mortem metabolism in skeletal muscle 3yr - 1st Inst.	Individual	15,000	01
Sweeny, P.R. Microbiology Guelph	Histochemical and ultrastructural studies on connective tissues of developing normal and dystrophic mice 3yr - 1st Inst.	Individual	9,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sweet, L.G. Math/Comp Science P.E.I.	Homogeneous algebras * with J.A.MacDougall(P.E.I.) 3yr - 1st Inst.	Group	3,722	16
Swift, G.W. Electrical Eng. Manitoba	Protective relay testing and design 3yr - 1st Inst.	Individual	7,700	11
Sykes, J.F. Civil Engineering Waterloo	The modelling of energy and mass in water resource systems 3yr - 3rd Inst.	Individual	13,890	06
Symes, L.R. Computer Science Regina	Computer system performance measurement and evaluation / computer network	Individual	5,000	07
Symons, D.T.A. Geology Windsor	Paleomagnetic studies on the pre- Jurassic Geotectonic evolution of the Cordillera 3yr - 3rd Inst.	Individual	19,325	10
Syrett, B.A. Electronics Carleton	Nonlinear distortion in microwave communications circuits 3yr - 2nd Inst.	Individual	10,120	11
Szabados, B. Elec. & Comp. Eng. McMaster	Power line harmonic analyzer/power system harmonics/synchronization of large units	Individual	13,400	11
Szabo, M.E. Mathematics Concordia	Applications of logic to analysis 3yr - 2nd Inst.	Individual	7,630	16
Szamosi, G. Physics Windsor	Relativistic many-body problems with applications in plasma and astrophysics 3yr - 1st Inst.	Individual	15,000	15
Szarek, W.A. Chemistry Queen's	1) Structure, synthesis and reactions of carbohydrates 2) Heterocyclic conformational analysis 3yr - 2nd Inst.	Individual	39,600	05
Szathmary, E.J.E. Anthropology McMaster	Genetic studies on Dogrib Indians and other Athapaskan- speakers	Individual	4,300	02
Szeligo, F. Psychology New Brunswick	Environment as a determinant of brain structure 3yr - 3rd Inst.	Individual	4,710	12
Szendrovits, A.Z. Prod./Manage. Sci. McMaster	Optimization of inventory policies in multi-stage production systems 3yr - 2nd Inst.	Individual	9,900	20

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Szoghy, I.M. Physique Laval	Spectroscopie nucléaire. Application des techniques nucléaires en géologie	Individuelle	9,000	22
Tabarrok, B. Mechanical Eng. Toronto	Applications of finite element method in continuum mechanics 3yr - 1st Inst.	Individual	16,500	13
Tabel, H. Veter. Microbiol Saskatchewan	Salivarian trypanosomes: interaction with host plasma proteins 3yr - 1st Inst.	Individual	11,500	01
Tabisz, G.C. Physics Manitoba	Molecular interactions and dynamics in compressed gases and liquids studied by light scattering and Far-IR absorption 3yr - 3rd Inst.	Individual	18,420	15
Tague, J.M. Library Science Western Ontario	Simulation of bibliographic retrieval systems	Individual	10,000	07
Tait, R.J. Mathematics Alberta	Wave motion in viscoelastic tubes	Individual	2,722	16
Tait, R.W. Psychology Manitoba	Classical and instrumental conditioning mechanisms: Backward conditioning 3yr - 3rd Inst.	Individual	10,749	12
Takahashi, I. Biology McMaster	Regulation of bacterial sporogenesis 3yr - 2nd Inst.	Individual	28,600	02
Takahashi, Y. Physics Alberta	Quantum field theory method in many-body problems and theoretical bio-physics 3yr - 3rd Inst.	Individual	26,668	15
Takane, Y. Psychology McGill	Maximum likelihood multidimensional scaling from various types of similarity data 3yr - 1st Inst.	Individual	12,800	12
Takats, J. Chemistry Alberta	Organometallic complexes of transition metals and actinides	Individual	17,000	05
Takaya, K. Electrical Eng. Saskatchewan	Biomedical image processing and visual medical information exchange using optical waveguides 3yr - 2nd Inst.	Individual	12,210	11
Tall, F.D. Mathematics Toronto	Applications of set theory to topology 3yr - 2nd Inst.	Individual	10,173	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Talman, J.D. Phys./Appl. Math. Western Ontario	Theoretical studies of the structure of atoms and other many electron systems 2yr - 2nd Inst.	Individual	4,400	15
Talwar, P.P. Fin. & Manag. Sci. Alberta	Robust method of testing a sequence of observations for a shift in location 3yr - 3rd Inst.	Individual	3,623	14
Tam, K.K. Mathematics McGill	Non-linear problems in fluid mechanics and combustion theory 3yr - 1st Inst.	Individual	12,442	16
Tam, W.H. Zoology Western Ontario	Regulation of ovulation and steroidogenesis in small mammals	Individual	14,000	01
Tan, K.K. Mathematics Dalhousie	1) (Common) fixed point theorems for single- and multi-valued mappings of contractive type, 2) Remetrization and contractification of mappings, 3) Some geometric structure of locally convex spaces 3yr - 1st Inst.	Individual	2,722	16
Tanaka, H. Civil Engineering Ottawa	1) Effect of turbulence on aeroelastic behaviour of structures 2) Measurement of wind effects on air infiltration at buildings 3yr - 2nd Inst.	Individual	12,100	06
Tancrede, P. Chimie - biologie Qué.-Trois-Riv	Etude de membranes asymétriques artificielles par spectroscopie de fluorescence 3ans - 3ième vers.	Individuelle	7,247	02
Taner, M.N. Ctre.-Build. Stud. Concordia	Improving construction productivity by simulating construction operations	Individual	4,000	06
Tang, F.C.Y. Pure Mathematics Waterloo	Group theory and 3-manifold groups 3yr - 1st Inst.	Individual	4,666	16
Tangri, K.K. Mechanical Eng. Manitoba	1) Physics of strength in metallic materials 2) Acoustic emission and its application to R & D 3yr - 2nd Inst.	Individual	29,150	04
Tanner, C.E. Parasitology Macdonald Coll.	Experimental parasitology 3yr - 2nd Inst.	Individual	31,900	01
Tanner, D.D. Chemistry Alberta	Studies on the mechanism of free radical reactions 3yr - 3rd Inst.	Individual	29,712	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tanny, S.M. Mathematics Toronto	Sequence problems in combinatorics 3yr - 2nd Inst.	Individual	2,120	16
Tansley, B.W. Psychology Carleton	Psychophysical studies of spectrally-opponent processes in the visual system of human 3yr - 3rd Inst.	Individual	12,199	12
Taplin, D.M.R. Mechanical Eng. Waterloo	Fracture of structural materials 3yr - 2nd Inst.	Individual	24,750	04
Tapucu, A. Génie nucléaire Ecole Polytech.	Echange de masse entre deux écoulements parallèles communiquant par une fente latérale 3ans - 2ième vers.	Individuelle	10,450	13
Taras, P. Physics Montréal	Properties of nuclei at high angular momentum	Individual	37,000	22
Tarasuk, J.D. Mechanical Eng. Western Ontario	Interferometric study of force- free convection in entrance of pipes and ducts 3yr - 1st Inst.	Individual	13,500	13
Tardif, S. Math/statistique Montréal	Analyse finie basée sur la méthode du rangement après alignement dans un plan de blacs aléatoires 3ans - 2ième vers.	Individuelle	1,175	14
Tarnawecky, M.Z. Electrical Eng. Manitoba	1) A universal current transducer for, both, HV&EHV-ac and HVDC applications 2) Pulse control system for HVDC links connected to weak ac systems 3yr - 2nd Inst.	Individual	8,140	11
Tartar, J. Computer Science Alberta	Resource allocation in computer systems 3yr - 3rd Inst.	Individual	27,418	07
Tatum, J.B. Physics Victoria	Astronomical applications of atomic and molecular spectroscopy 3yr - 1st Inst.	Individual	9,000	17
Taukulis, H.K. Psychology Memorial	Odor/taste interactions in flavor aversion learning 3yr - 2nd Inst.	Individual	4,620	12
Tavares, D.F. Chemistry Calgary	* Principal investigator A.Rauk(Calgary)	Group		05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tavares, S.E. Electrical Eng. Queen's	1) Achieving efficient digital communications by means of error-correcting codes and data compression 2) Protocols for computer communications 3yr - 3rd Inst.	Individual	9,904	11
Tavenas, F.A. Génie civil Laval	1) Lois de comportement des argiles sensibles 2) Application des concepts d'état limite aux calculs des ouvrages dans les argiles sensibles 3ans - 2ième vers.	Individuelle	25,025	10
Tavoularis, S. Mechanical Eng. Ottawa	Heat transport in turbulent flows 3yr - 1st Inst.	Individual	12,500	13
Taylor, A.J. School of Business Queen's	Optimal railroad dispatching	Individual	3,214	20
Taylor, C.H. Geography Trent	1) Effects of urban construction on runoff and water quality. 2) Variable source area delivery of pollutants. 3) Hydrology of the Peterborough region 3yr - 1st Inst.	Individual	6,000	10
Taylor, D.J. Computer Science Waterloo	Error detection and correction using redundancy in data structures	Individual	10,500	07
Taylor, D.P. Elec. & Comp. Eng. McMaster	Bandwidth efficient signalling for digital satellite and radio communications systems	Individual	24,700	11
Taylor, D.R. Physics Queen's	Spin-spin and spin-phonon interactions in solids 3yr - 2nd Inst.	Individual	20,306	15
Taylor, D.W. Physics McMaster	Excitations in disordered crystals 3yr - 2nd Inst.	Individual	7,700	15
Taylor, F.J.R. Oceanogr./Botany British Columbia	Red tides, marine phytoplankton taxonomy and ecology 3yr - 1st Inst.	Individual	25,000	18
Taylor, H.W. Physics Toronto	Nuclear spectroscopy with short-lived radioisotopes	Individual	11,000	22
Taylor, H.W. Physics Toronto	* Principal investigator J.A.Kuehner(McMaster)	Co-op		22
Taylor, I. Psychology Toronto	Optimally reduced text 3yr - 1st Inst.	Individual	3,000	12

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Taylor, I.E.P. Botany British Columbia	Physical changes in plant cell walls during acid-induced extension 3yr - 1st Inst.	Individual	23,000	03
Taylor, J.C. Mathematics McGill	Potential theory 3yr - 3rd Inst.	Individual	17,457	16
Taylor, J.M. Zoology British Columbia	Mammalian evolution and reproduction 3yr - 1st Inst.	Individual	20,200	01
Taylor, K.E. Chemistry Windsor	Chemical probes of membrane protein organization 3yr - 1st Inst.	Individual	13,000	02
Taylor, K.F. Mathematics Saskatchewan	A study of unitary representations of locally compact groups 3yr - 1st Inst.	Individual	3,499	16
Taylor, M.A. Mathematics Acadia	Functional equations, varieties of groupoids and isotopy - homotopy classes 3yr - 2nd Inst.	Individual	825	16
Taylor, N.F. Chemistry Windsor	Carbohydrate transport and metabolism 3yr - 2nd Inst.	Individual	18,700	02
Taylor, P.A. Chemical Eng. McMaster	Hierarchical control of distributed chemical processes 2yr - 1st Inst.	Individual	8,000	04
Taylor, P.E. Biology Windsor	Histone acetylation during rapid myocardial growth 3yr - 2nd Inst.	Individual	4,950	02
Taylor, P.D. Math/Statistics Queen's	Genetic models of sexual selection and allocation of reproductive resources 3yr - 1st Inst.	Individual	10,000	18
Tee, D.S. Chemistry Concordia	Studies in physical and theoretical organic chemistry 3yr - 3rd Inst.	Individual	9,541	05
Tees, R.C. Psychology British Columbia	Visual (and related) development: effects of controlled rearing and neonatal lesions 3yr - 1st Inst.	Individual	28,800	12
Teghtsoonian, E. Metallurgical Eng. British Columbia	Composite materials	Individual	11,400	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee	
Nom Département Université	But de la subvention	Genre	Montant \$ Comité	
Teichmann, J. Physique Montréal	Interaction nonlineaire ondes- plasma 3ans - 2ième vers.	Individuelle	34.551	15
Teitelbaum, H. Chemistry Ottawa	Thermally-induced and laser- induced chemical reactions	Individual	11.000	05
Telford, M. Zoology Toronto	Comparative study of the biology of species of dissodactylus (brachyura; pinnotheridae) and their host echinoderms 3yr - 1st Inst.	Individual	11.500	01
Teller, J.T. Earth Sciences Manitoba	The Lake Agassiz-Lake Superior connection 3yr - 2nd Inst.	Individual	9.350	10
Temple, M.C. Civil Engineering Windsor	The prestressing of lattice structures 3yr - 1st Inst.	Individual	10.800	06
Templeton, J.G.C. Industrial Eng. Toronto	Contributions to applied statistics and operational research 3yr - 1st Inst.	Individual	12.000	20
Tennent, R.D. Comp. & Info. Sc. Queen's	Issues in semantic analysis of programming languages	Individual	14.000	07
Tennyson, R.C. Aerospace Studies Toronto	Multi-mode shell buckling & composite structures for space 3yr - 2nd Inst.	Individual	26.950	13
Teply, S. Civil Engineering Alberta	Transportation operation characteristics of Western Canadian communities 3yr - 1st Inst.	Individual	13.000	06
Terasmae, J. Geological Sciences Brock	Correlation of radiocarbon chronology and palynostratigraphy of postglacial lake sediments and peat deposits 3yr - 2nd Inst.	Individual	11.000	10
Terreault, B. INRS - Energie Québec-INRS	Etude de l'interaction ion- solide dans les réacteurs à fusion thermonucléaire 3ans - 2ième vers.	Individuelle	14.971	15
Teskey, W.F. Surveying Eng Calgary	* Principal investigator E.U.Krakiwsky(Calgary)	Group		06
Tessier, A. INRS-Eau Québec-INRS	Etude de la spéciation de métaux traces dans la matière particulière des eaux naturelles 3ans - 3ième vers.	Individuelle	8.738	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Testa, C. Architecture Toronto	Up-grading of rural dwelling habitability and energy utilisation 3yr - 2nd Inst.	Individual	9,350	06
Tetu, M. Génie électrique Laval	Electronique quantique 3ans - 1er vers.	Individuelle	13,700	11
Thakkar, A.J. Chemistry Waterloo	1) Electron pair densities and correlation holes. 2) Potential energy surfaces 3yr - 2nd Inst.		17,000	05
Thalmann, D. Infor. & rech opér. Montréal	Conception & implantation de systèmes graphiques et de systèmes de bases de données	Individuelle	12,000	07
Theberge, J.B. Biology Waterloo	1) Wolf-caribou relationships 2) Predation on sympatric ruffed grouse 3) Snowshoe hare populations 3yr - 2nd Inst.	Individual	14,300	18
Theodorescu, R.A.S. Mathématiques Laval	Applications de la théorie des probabilités et de la statistique mathématique à la théorie de l'apprentissage et à la théorie de la décision 3ans - 1er vers.	Individuelle	4,750	14
Theophanides, T. Chimie Montréal	Synthesis, structure and bonding of heavy metal complexes 3ans - 2ième vers.	Individuelle	22,000	05
Theophilus, G.D. Engineering Acadia	Corona and energy studies	Individual	7,000	11
Therien, D. Informatique McGill	Complexity measures for regular languages	Individuelle	7,500	07
Thérien, H.M. Chimie - biologie Qué.-Trois-Riv	Actine, tubuline et contrôle transmembranaire 3ans - 2ième vers.		14,000	02
Therien, N. Génie chimique Sherbrooke	Simulation et contrôle d'unités de traitement bio-chimique des eaux usées 3ans - 1er vers.	Individuelle	11,400	04
Thewalt, M.L.W. Physics Simon Fraser	Bose-einstein condensation of free excitons in silicon 3yr - 2nd Inst.		21,000	15
Thibert, R.J. Chemistry Windsor	New analytical techniques for biologically important molecules 3yr - 1st Inst.	Individual	15,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Thibodeau, L. Ctre. Rech.-Virol. Québec-IAF	Identification et étude de la structure moléculaire de l'antigène D du virus de la poliomyélite en vue de la production d'un vaccin sous-unitaire 3ans - 1er vers.	Individuelle	12.000	02
Thiebaux, H.J. Mathematics Dalhousie	Statistical structure in atmosphere/ocean circulations and the prediction of weather and climate 3yr - 1st Inst.	Individual	14.000	17
Thierrin, G. Mathematics Western Ontario	1) Theory of automata and languages 2) Mathematical programming 3yr - 2nd Inst.	Individual	35.420	07
Thirumurthi, D. Civil Engineering Tech Univ N.S.	1) Aerated lagoon studies to verify the thirumurthi chart and, to design an energy-efficient lagoon using wind energy. 2) Follow up studies on Halifax lakes and Wreck Cove hydroelectric reservoirs 3yr - 1st Inst.	Individual	10.000	06
Thiry, P.S. Génie mécanique Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 2ième vers.	Groupe		13
Thode, H.G. Chemistry McMaster	Mass spectrometric, nuclear and isotope chemistry studies 3yr - 2nd Inst.	Individual	33.000	21
Thomas, A.W. TRIUMF British Columbia	* Principal investigator G.A.Beer(Victoria)	Project		27
Thomas, A.W. TRIUMF British Columbia	Theoretical research in medium energy physics and related areas	Individual	22.800	15
Thomas, D.D.S. Biology Windsor	1) Permeability of cytochalasin A, a selective antibiotic in fungi and bacteria 2) Anaerobic metabolism in apical meristems and callus cultures 3yr - 2nd Inst.	Individual	11.550	02
Thomas, M.L.H. Biology New Brunswick	Ecology of Maritime shores and estuaries 3yr - 2nd Inst.	Individual	12.100	18
Thomas, R.E. Electronics Carleton	Technology development for, and characterization of, semiconductor devices and integrated circuits 3yr - 2nd Inst.	Individual	20.460	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Thomas, V.G. Zoology Guelph	The body as its own nutrient resource in hares and grouse 3yr - 1st Inst.	Individual	13,000	01
Thomason, S.K. Mathematics Simon Fraser	Modal logic, dynamic logic, other non-classical logic 3yr - 1st Inst.	Individual	8,333	16
Thompson, A.C. Mathematics Dalhousie	Geometry of Banach spaces 3yr - 3rd Inst.	Individual	2,443	16
Thompson, D.A. Eng. Physics McMaster	Radiation damage and ion-surface interactions 3yr - 2nd Inst.	Individual	23,650	04
Thompson, D.W. Chemical Eng. British Columbia	1) Flow and pressure fields near surfaces 2) Process modelling and optimization	Individual	14,000	04
Thompson, J.C. Chemistry Toronto	Synthetic and structural studies of silicon compounds 3yr - 1st Inst.	Individual	8,000	05
Thompson, J.C. Civil Engineering Waterloo	Development of improved experimental and numerical stress analysis techniques 3yr - 2nd Inst.	Individual	14,850	06
Thompson, J.E. Biology Waterloo	Biochemical and structural studies of cellular membranes 3yr - 3rd Inst.	Individual	30,195	02
Thompson, L. Nutrition/Food Sci Toronto	Low phytate rapeseed protein isolates and concentrates 3yr - 1st Inst.	Individual	12,000	03
Thompson, L.K. Chemistry Memorial	Coordination chemistry of polyfunctional ligands with biomimetic functional groups. Model studies related to mononuclear and binuclear copper and binuclear iron metalloproteins 3yr - 3rd Inst.	Individual	11,000	05
Thompson, M. Chemistry Toronto	New techniques in organic analytical chemistry	Individual	16,000	05
Thompson, M. Chemistry Toronto	Analytical techniques in archaeological chemistry * with D.E.Redford(Toronto) 3yr - 2nd Inst.	Co-op	9,350	21
Thompson, M.E. Statistics Waterloo	Uses of probability sampling from a finite population 3yr - 3rd Inst.	Individual	8,242	14

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Thompson, R.C. Chemistry British Columbia	Synthesis, structure and properties of inorganic complex compounds 3yr - 2nd Inst.	Individual	7,700	05
Thompson, R.G. Biology Mount Allison	Translocation in herbaceous and woody plants using 11C- and 14C- labelled organic compounds and 42K 3yr - 3rd Inst.	Individual	12,078	03
Thompson, R.J. Mar. Sc. Res. Lab Memorial	Environmental physiology of marine invertebrates in a cold environment 3yr - 1st Inst.	Individual	15,800	01
Thompson, W.T. Mining/Metal. Eng. McGill	Physical chemistry of metallurgical systems 3yr - 1st Inst.	Individual	11,900	04
Thomson, E.S. Mathematics Simon Fraser	Measure theory 3yr - 3rd Inst.	Individual	1,746	16
Thomson, S. Civil Engineering Alberta	Engineering characteristics and behaviour of stiff clay (till) and soft rocks and their application to engineering projects 3yr - 1st Inst.	Individual	15,000	10
Thornton-Trump, A.B. Mechanical Eng. Manitoba	Analytical quantification and definition of human locomotion parameters 3yr - 2nd Inst.	Individual	11,000	13
Thorpe, T.A. Biology Calgary	Plant propagation in vitro: physiological, biochemical and structural aspects 3yr - 2nd Inst.	Individual	38,500	03
Thorson, W.R. Chemistry Alberta	Studies in theoretical chemistry: 1) Atomic collision theory 2) Other topics 3yr - 3rd Inst.	Individual	27,297	05
Threlfall, W. Biology Memorial	Anisakis spp. (Nematoda) as biological tags, and the life- cycles of some marine bird trematodes 3yr - 2nd Inst.	Individual	16,500	18
Threlkeld, S.F.H. Biology McMaster	Behavioural genetics of Drosophila	Individual	17,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Thulasiraman, K. Electrical Eng. Tech Univ N.S.	Structural theory of networks- connectivity analysis of large networks-matching and optimal planar decomposition	Individual	9,100	11
Thurtell, G.W. Land Resource Sc Guelph	Soil-plant-atmosphere water relationships 3yr - 3rd Inst.	Individual	15,701	03
Tidwell, T.T. Chemistry Toronto	Structural effects on the reactive intermediates of organic chemistry 3yr - 3rd Inst.	Individual	31,524	05
Tiku, M.L. Mathematical Sci. McMaster	Estimation from censored data and applications; tests for outliers; distributions of order statistics and applications; robust statistical procedures; goodness-of-fit statistics 3yr - 2nd Inst.	Individual	13,631	14
Timmer, V.R. Forestry Toronto	Foliar diagnosis for hybrid poplar culture 3yr - 1st Inst.	Individual	12,000	03
Timney, B.N. Psychology Western Ontario	Visual experience and visual development in cats 3yr - 3rd Inst.	Individual	13,286	12
Timourian, J.G. Mathematics Alberta	Local structure of differentiable maps 3yr - 3rd Inst.	Individual	6,284	16
Timusk, J. Civil Engineering Toronto	Development of new material systems and their application to repair of concrete and improvement of the building envelope 3yr - 3rd Inst.	Individual	11,474	06
Timusk, T. Physics McMaster	Optical properties of solids 3yr - 2nd Inst.	Individual	29,106	15
Tinawi, R. Génie civil Ecole Polytech.	La capacité portante à long terme de la glace de mer 3ans - 2ième vers.	Individuelle	13,200	06
Tindall, D.A. Physics Dalhousie	Automated measurement of thermal expansion and specific heat of small samples	Individual	4,500	15
Tinga, W.R. Electrical Eng. Alberta	Microwave applicator design and measurement techniques 3yr - 2nd Inst.	Individual	9,900	11
Tinkler, J. Mechanical Eng. Manitoba	High lift aerodynamics 3yr - 1st Inst.	Individual	7,500	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Titman, R.D. Ren. Resources Macdonald Coll.	Ecology and behavior of ducks (Anatidae) 3yr - 2nd Inst.	Individual	7,700	18
Titus, S.J. Forest Science Alberta	An evaluation of Bayesian estimation procedures applied to log scaling inventory 3yr - 1st Inst.	Individual	1,690	14
Thursty, J. Mechanical Eng. McMaster	Dynamics and controls of manufacturing equipment 3yr - 1st Inst.	Individual	29,500	13
Thursty, J. Mechanical Eng. McMaster	Robotics, assembly, manufacturing systems * with H.A.ElMaraghy, W.R.Newcombe, R.L.Judd, R.Kitai, N.K.Sinha (McMaster) 3yr - 2nd Inst.	Co-op	55,000	13
Tobe, S.S. Zoology Toronto	The insect corpus allatum: Its regulation and function during the gonadotrophic cycle and during metamorphosis 3yr - 1st Inst.	Individual	35,000	01
Todd, E.G. Plant Science British Columbia	Symplastic transport of herbicides in plants	Individual	6,000	03
Todorovic, P. Civil Engineering Ecole Polytech.	Sediment transport and dispersion 3yr - 2nd Inst.	Individual	18,700	06
Toews, D.P. Biology Acadia	Respiratory and acid-base physiology of the amphibia 3yr - 3rd Inst.	Individual	17,193	01
Toguri, J.M. Metal/Mat. Science Toronto	Physical chemistry of the extraction of non-ferrous metals 3yr - 2nd Inst.	Individual	33,550	04
Toida, S. Systems Design Waterloo	Graph models for system diagnosis	Individual	13,500	07
Toll, M.O. Electrical Eng. Memorial	ECG synchronized chest X-rays	Individual	8,000	11
Tollefson, E.L. Chemical Eng. Calgary	1) Evaluation of Alberta's coal for activated carbon production 2) The reduction of nitrogen oxides in stack gases 3) Pyrolysis of coal renewal (modified) 3yr - 3rd Inst.	Individual	24,440	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tollenaar, M. Crop Science Guelph	Potential and maximum productivity of agricultural crops 3yr - 2nd Inst.		11,000	03
Tombalakian, A.S. Engineering Laurentian	Reduction of nickel-cobalt in a combined organic complex acid solution 3yr - 1st Inst.	Individual	5,000	04
Tombaugh, T.N. Psychology Carleton	The effects of chronic alcohol consumption in rats on learning 3yr - 3rd Inst.	Individual	8,334	12
Tomchuk, E. Physics Winnipeg	Pulsed NMR studies of liquid crystals 3yr - 1st Inst.	Individual	20,580	15
Tomek, I. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia)	Group		07
Tomes, D.T. Crop Science Guelph	The use of plant tissue and cell culture in the breeding and genetics of forage legumes 3yr - 3rd Inst.	Individual	14,494	02
Tomiuk, D.B.U. Mathematics Ottawa	Banach algebras 3yr - 3rd Inst.	Individual	2,443	16
Tomkins, R.U. Math/Statistics Regina	Topics in probability theory 3yr - 1st Inst.	Individual	9,495	14
Tomlinson, G. Chemistry Winnipeg	Functional relationships among proteins of the cholinergic synapse	Individual	10,000	02
Tompa, F.W. Computer Science Waterloo	Flexible, efficient data structures	Individual	11,000	07
Tomusiak, E.L. Physics Saskatchewan	* Principal investigator M.A.Preston(Sask.) 3yr - 2nd Inst.	Group		15
Tong, B.Y. Physics Western Ontario	Physics of amorphous solids and applications in devices 3yr - 1st Inst.	Individual	14,970	15
Topper, T.H. Civil Engineering Waterloo	Fatigue investigations 3yr - 3rd Inst.	Individual	35,026	06
Tordion, G.V. Génie mécanique Laval	Etudes sur les engrenages et leur comportement dans les systèmes 3ans - 2ième vers.	Individuelle	17,050	13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Torrence, R.J. Math/Statistics Calgary	Perturbations of stationary space-times 3yr - 2nd Inst.	Individual	1,100	15
Torrie, E.H. Physics Waterloo	Raman, infrared, brillouin and neutron scattering studies of phonons and phase transitions in crystals (mainly molecular) 3yr - 3rd Inst.	Individual	10,810	15
Tory, E.M. Math/Comp Science Mount Allison	1) Settling of slurries 2) Random packing of spheres 3yr - 1st Inst.	Individual	11,400	04
Tosh, D.H. Mathematics Acadia	Estimating extreme quantiles of response functions 3yr - 1st Inst.	Individual	1,690	14
Tou, C.P. Electrical Eng. Tech Univ N.S.	Spread spectrum techniques and their applications	Individual	8,000	11
Tourlakis, G. Math/Comp Science York	Hierarchies of primitive recursive word-functions	Individual	5,700	07
Tousignant, B. Génie électrique Laval	Traitement de signal appliqué au conduit vocal et à des signaux Doppler	Individuelle	4,400	11
Toussaint, G.T.P. Computer Science McGill	The use of contextual constraints as an aid to machine recognition of english text and the selection of measurements for pattern recognition systems 3yr - 2nd Inst.	Individual	15,620	07
Towers, G.H.N. Botany British Columbia	The metabolism of secondary compounds in natural and novel systems 3yr - 2nd Inst.	Individual	77,000	03
Townsend, D.R. Civil Engineering Ottawa	Hydraulic model investigation of a culvert junction structure for improved outlet performance 3yr - 3rd Inst.	Individual	14,494	06
Tracy, D.S. Mathematics Windsor	Multivariate estimation 3yr - 1st Inst.	Individual	4,750	14
Trainor, L.E.H. Physics Toronto	Studies in statistical mechanics and cooperativity in many-body systems 3yr - 1st Inst.	Individual	27,620	15
Trak, B. Civil Engineering Ottawa	Empirical and analytical study of stability problems in Champlain Clays	Individual	7,500	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tran, K.D. Génie électrique Laval	Analyse et simulation digitale des phénomènes transitoires et ses applications dans les grands réseaux électriques	Individuelle	4,300	11
Tranquilla, J.M. Electrical Eng. New Brunswick	Resonance phenomena on broadband antenna arrays	Individual	9,000	11
Trass, O. Chemical Eng. Toronto	Studies of fluid flow, mass transfer, comminution and chemical reactions 3yr - 1st Inst.	Individual	20,000	04
Traynor, T.E. Mathematics Windsor	Generalized measures: probability and stochastic processes 3yr - 1st Inst.	Individual	2,722	16
Trehub, S.E. Psychology Toronto	Infants' perception of auditory patterns 3yr - 1st Inst.	Individual	17,500	12
Treisman, A.M. Psychology British Columbia	The role of attention in stimulus integration and classification 3yr - 3rd Inst.	Individual	36,234	12
Trembath, L.T. Geology New Brunswick	Factors affecting the crystallization of feldspar in synthetic and natural systems 3yr - 2nd Inst.	Individual	8,250	10
Tremblay, A.M. Physique Sherbrooke	Physique statistique hors d'équilibre thermodynamique	Individuelle	10,000	15
Tremblay, J.P. Computer Science Saskatchewan	Query language systems and information systems analysis and design 3yr - 1st Inst.	Individual	10,000	07
Tremblay, R. Physique Laval	Laser, optique intégrée et fibre optique 3ans - 2ième vers.	Individuelle	26,279	15
Trenhaile, A.S. Geography Windsor	The processes of coastal hard rock erosion 3yr - 1st Inst.	Individual	12,000	10
Trinh, N.G. INRS - Energie Québec-INRS	Etude des moyens de réduire le bruit audible des lignes de transport à haute tension AC	Individuelle	13,400	11
Trischuk, J.M. Physics McGill	Project 77.02 * with J.D.Prentice(Toronto), J.Hebert(Ottawa)	Project	83,000	23

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Trofimenkoff, F.N. Electrical Eng. Calgary	Device and circuit studies and instrumentation 3yr - 2nd Inst.	Individual	15,730	11
Troitsky, M.S. Civil Engineering Concordia	Analysis and design of new systems of steel box-girder bridges 3yr - 2nd Inst.	Individual	15,400	06
Trojan, A.P. Math/Comp Science York	Schur subgroup 3yr - 1st Inst.	Individual	1,166	16
Tromans, D. Metallurgy British Columbia	Stress corrosion cracking of steels 3yr - 3rd Inst.	Individual	9,946	04
Trotter, D.A. Mining/Metal. Eng. McGill	Establishment of optimum luminance requirements for underground tasks 3yr - 1st Inst.	Individual	13,500	20
Trotter, J. Chemistry British Columbia	X-ray diffraction studies of inorganic and organic molecules 3yr - 3rd Inst.	Individual	49,278	05
Trueman, C.W.A. Electrical Eng. Concordia	Assessment of reradiation from high-voltage power lines at MF frequencies	Individual	7,100	11
Trupp, A.C. Mechanical Eng. Manitoba	Convective heat transfer in rod bundles 3yr - 2nd Inst.	Individual	11,000	13
Truscott, J.B. Mar. Sc. Res. Lab Memorial	Nature and role of hormonal steroids in fish: A comparative study of their metabolism and excretion 3yr - 2nd Inst.	Individual	15,400	01
Truscott, W.G. Prod./Manage. Sci. McMaster	Multiperiod analysis of discrete location-allocation problems 3yr - 2nd Inst.	Individual	6,050	20
Trust, T.J. Biochem./Microbiol. Victoria	Virulence mechanisms of Vibrio and Aeromonas species pathogenic for fish, animals and man 3yr - 2nd Inst.	Individual	18,700	02
Trzcienski, W.E. Génie minéral Ecole Polytech.	Petrology & tectonics of the Canadian Appalachians	Individuelle	3,000	10
Tsai, C.S. Chemistry Carleton	Multifunctionality of enzymes 3yr - 1st Inst.	Individual	15,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tsang, A.S. Biology York	A study on gene expression during development of the cellular slime mould Dictyostelium 3yr - 1st Inst.		15,000	02
Tsang, S.F.L. Engineering Lakehead	Large-amplitude signal transport in an artificial heart driving system 3yr - 2nd Inst.	Individual	8,250	13
Tschuikow-Roux, E. Chemistry Calgary	Gas phase reaction kinetics, photochemistry, shock tubes 3yr - 1st Inst.	Individual	34,000	05
Tsezos, M. Chemical Eng. McMaster	Biosorptive separation of nuclear fuel cycle elements 3yr - 2nd Inst.		11,000	04
Tsichritzis, D.D. Computer Science Toronto	Office information systems 3yr - 1st Inst.	Individual	35,000	07
Tso, W.K. Civ Eng/Eng Mech McMaster	Earthquake engineering and structural dynamics 3yr - 2nd Inst.	Individual	34,650	06
Tsotsos, J.K. Computer Science Toronto	Computer analysis of dynamic cardiac imagery	Individual	9,000	07
Tsujita, M.J. Horticultural Sci. Guelph	Plant growth responses to CO ₂ -enriched, high light supplemented environments 3yr - 1st Inst.	Individual	7,000	03
Tuchweber, E. Nutrition Montréal	Role of nutrition and other environmental factors in liver aging 3ans - 1er vers.	Individuelle	18,000	01
Tuck, D.G. Chemistry Windsor	Inorganic and organometallic chemistry 3yr - 1st Inst.	Individual	45,259	05
Tulczyjew, W.M. Math/Statistics Calgary	Geometric foundations of relativistic quantum physics 3yr - 1st Inst.	Individual	4,666	16
Tulip, J. Electrical Eng. Alberta	High power molecular lasers 3yr - 3rd Inst.	Individual	26,330	11
Tulving, E. Psychology Toronto	Interaction between storage and retrieval in human memory 3yr - 3rd Inst.	Individual	51,935	12
Tunaley, J.K.E. Physics Western Ontario	Maximum entropy and information theoretic methods of image enhancement	Individual	5,000	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tung, M.A. Food Science British Columbia	Rheology and microstructure of food systems 3yr - 3rd Inst.	Individual	30,195	02
Tupper, B.O.J. Math/Statistics New Brunswick	Magnetohydrodynamic and charged fluid cosmologies 3yr - 1st Inst.	Individual	7,180	15
Turcke, D.J. Civil Engineering Queen's	Design of finite element meshes 3yr - 1st Inst.	Individual	11,000	06
Turek, A. Geology Windsor	Geochronology of Lake Superior region 3yr - 2nd Inst.	Individual	9,900	10
Turgeon, A. Génie électrique McGill	Choix des sites et dimensionnement des réservoirs 3ans - 1er vers.	Individuelle	7,800	11
Turgeon, J.M. Math/statistique Montréal	Systèmes parfaits d'ensembles de différences 3ans - 1er vers.	Individuelle	1,944	16
Turkington, R.A. Botany British Columbia	Neighbour relationships in grassland (pasture) communities: their influence on the species' population dynamics and on the evolving characteristics of grasslands 3yr - 1st Inst.	Individual	20,000	18
Turkkan, N. Génie Moncton	* Chercheur principal N.K.Srivastava(Moncton) 3ans - 2ième vers.	Groupe		06
Turksen, I.B. Industrial Eng. Toronto	Scheduling and system design 3yr - 1st Inst.	Individual	17,000	20
Turkstra, C.J. Civil Engineering McGill	Probabilistic limit states design 3yr - 1st Inst.	Individual	19,500	06
Turner, D.G. Physics Laurentian	Research into the cosmic distance scale and stellar evolution using star clusters and associations 3yr - 2nd Inst.		17,000	17
Turner, G.A. Chemical Eng. Waterloo	Vibratory liquefaction of liquid- solid pastes 3yr - 1st Inst.	Individual	16,000	04
Turner, J.E. Mathematics McGill	Mathematical models 3yr - 3rd Inst.	Individual	3,143	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Turner, L.E. Electrical Eng. Calgary	Analysis and control of nonlinear effects in practical recursive digital filters	Individual	8,400	11
Turnock, A.C. Earth Sciences Manitoba	Experimental mineralogy of pyroxenes and amphiboles	Individual	14,000	10
Turrell, B.G. Physics British Columbia	Studies in magnetic materials 3yr - 1st Inst.	Individual	21,930	15
Tutte, W.T. Combin./Optimiz. Waterloo	Topics in graph theory 3yr - 2nd Inst.	Individual	11,000	16
Tymchatyn, E.D. Mathematics Saskatchewan	Continua theory 3yr - 2nd Inst.	Individual	7,630	16
Tyree, M.T. Botany Toronto	Ionic and water relations of plants 3yr - 2nd Inst.	Individual	34,650	03
Tyson, I.H. Biology McGill	Genotype environment interaction in flax 3yr - 3rd Inst.	Individual	20,533	03
Ukrainetz, P.R. Mechanical Eng. Saskatchewan	Fluid power control systems and related fields investigations 3yr - 2nd Inst.	Individual	19,800	13
Ulrych, T.J. Geophys./Astron. British Columbia	Communication theory and potential field research 3yr - 2nd Inst.	Individual	31,350	10
Umezawa, H. Physics Alberta	Study of ordered states in particle physics and many-body- problems 3yr - 3rd Inst.	Individual	37,442	15
Unger, E.W. Computer Science Calgary	The design of concurrent programs and systems	Individual	14,000	07
Unger, I. Chemistry New Brunswick	1) Substituent effects on the photochemistry and photophysics of aromatic molecules. 2) The photochemistry of commonly used pesticides * with G.P.Semeluk(N.E.) 3yr - 2nd Inst.	Group	8,800	05
Unny, T.E. Civil Engineering Waterloo	Studies in hydraulics and hydrology 3yr - 2nd Inst.	Individual	22,000	06
Unruh, W.G. Physics British Columbia	Quantum mechanics and gravity 3yr - 3rd Inst.	Individual	17,779	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Usmani, R.A. Applied Math. Manitoba	Numerical integration of ordinary differential equation 3yr - 3rd Inst.	Individual	12,682	07
Uzumeri, S.M. Civil Engineering Toronto	Seismic resistant design of concrete structures 3yr - 2nd Inst.	Individual	22,000	06
Vaid, Y.P. Civil Engineering British Columbia	Stress-strain and strength properties (including time effects) and cyclic loading behavior of natural soils 3yr - 2nd Inst.	Individual	12,650	10
Vail, J.M. Physics Manitoba	Theory of defects in crystalline materials 3yr - 1st Inst.	Individual	8,240	15
Vaillancourt, R. Mathématiques Ottawa	Opérateurs pseudo-différentiels et de pseudo-différence 3ans - 3ième vers.	Individuelle	3,143	16
Valade, J.L. Pâtes et papiers Qué.-Trois-Riv	Polymères naturels et synthétiques: propriétés physiques et chimiques 3ans - 1er vers.	Individuelle	14,400	04
Valenta, Z. Chemistry New Brunswick	Organic synthesis 3yr - 1st Inst.	Individual	43,000	05
Valleau, J.P. Chemistry Toronto	Statistical mechanics of dense systems and surfaces, including computational methods 3yr - 2nd Inst.	Individual	30,800	05
Valli, V.E.D. Pathology Guelph	The prevention of bovine leukemia viral infection and lymphoma by specific immunization 3yr - 2nd Inst.	Individual	18,106	01
Vallieres, J.L. Education physique Laval	L'immobilisation musculaire: facteurs influençant la régénération 3ans - 1er vers.	Individuelle	15,000	01
Van Andel, H.W.H. Physique Montréal	Stabilization dynamique des ondes de dérive dans un plasma faiblement ionisé 3ans - 3ième vers.	Individuelle	13,974	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Van Dalen, K. Civil Engineering Queen's	A study of composite wood-concrete action in short span bridges 1) The feasibility of increasing span lengths of prestressed, precast concrete girders by introducing continuity 2) A study of the performance of shear connectors under cyclic loading at low temperatures 3yr - 3rd Inst.	Individual	9,662	06
Vandenberg, D.A. Physics Victoria	Numerical studies of the evolution of low mass stars assuming continuous mass loss 3yr - 1st Inst.		10,000	17
Vanden Born, W.H. Plant Science Alberta	Behaviour and fate of systemic herbicides 3yr - 2nd Inst.	Individual	19,800	03
Van den Driessche, P. Mathematics Victoria	Deterministic models in epidemiology and population ecology 3yr - 1st Inst.	Individual	5,666	16
Van de Poll, H.W. Geology New Brunswick	Role of liquefaction in the formation of sedimentary features 3yr - 1st Inst.	Individual	9,000	10
Van der Hoff, B.M.E. Chemical Eng. Waterloo	Improved processing properties of elastomers 3yr - 1st Inst.	Individual	13,400	04
Van der Kamp, E.U. Forestry British Columbia	Resistance of hemlock to dwarf mistletoe 3yr - 2nd Inst.	Individual	7,700	03
Vander Kloet, S.P. Biology Acadia	The genus Vaccinium in North America 3yr - 1st Inst.	Individual	7,000	18
Vanderkooy, J. Physics Waterloo	1) Far infrared properties of metals and semiconductors 2) Investigation of acoustic and electronic problems in audio 3yr - 3rd Inst.	Individual	12,682	15
Vanderlinde, J. Physics New Brunswick	Laser microwave double resonance 3yr - 3rd Inst.	Individual	10,810	15
Van der Meer, J.P. Biology Dalhousie	Genetic and cultivation studies on selected clones of the marine red alga Gracilaria tikvahiae 3yr - 1st Inst.	Individual	7,600	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Van der Puije, P.D. Electronics Carleton	Characterization of 2-port networks	Individual	3,800	11
Vanderstoep, J. Food Science British Columbia	Nutrient degradation in food systems 3yr - 1st Inst.	Individual	10,000	03
Vanderstraeten, G. Génie industriel Ecole Polytech.	Modèle d'affectation des avions aux portes d'un terminal	Individuelle	4,000	20
Vanderwolf, C.H. Psychology Western Ontario	Hippocampal and neocortical electrical activity in relation to behavior 3yr - 1st Inst.	Individual	62,500	12
Van de Vegte, J. Mechanical Eng. Toronto	Analysis and design of control systems 3yr - 3rd Inst.	Individual	15,701	13
Van de Voort, F.R. Food Science Guelph	Investigation of food macromolecules at the molecular level 3yr - 3rd Inst.	Individual	12,078	02
Van Driel, H.M. Physics Toronto	Interaction of ultrashort light pulses with semiconductors	Individual	16,310	15
Van Eeden, C. Math/statistique Montréal	Uniformly efficient estimates 3ans - 2ième vers.	Individuelle	12,531	14
Van Emden, M.H. Computer Science Waterloo	Design and implementation of a process and database language based on logic programming	Individual	13,500	07
Van Eyken, A.L.J. Mechanical Eng. Queen's	* Principal investigator C.A.Mulvenna(Queen's)	Group		13
Van Heeswijk, R.G. Electrical Eng. Waterloo	Compressed gas insulation research 3yr - 2nd Inst.	Individual	14,410	11
Van Huystee, R.B. Plant Science Western Ontario	Metabolism in plant cell development 3yr - 1st Inst.	Individual	23,000	02
Vanicek, P. Surveying Eng New Brunswick	Non-tidal tilts of bedrock	Individual	9,000	10
Vanier, J. Génie électrique Laval	Electronique quantique 3ans - 2ième vers.	Individuelle	33,550	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Van Kranendonk, J. Physics Toronto	Theoretical molecular and solid state physics 3yr - 1st Inst.	Individual	15,000	15
Van Loon, G.W. Chemistry Queen's	* Principal investigator J.A. Page (Queen's) 3yr - 1st Inst.	Group		05
Van Loon, J.C. Geology & Chemistry Toronto	Investigations in analytical atomic absorption, fluorescence and emission spectrometry 3yr - 2nd Inst.	Individual	19,800	05
Van Ders, W.T.H. Physics Manitoba	IEP-81 - University of Manitoba Intermediate Energy Physics Program	Project	47,829	27
Van Ders, W.T.H. Physics Manitoba	IEP-8 - The interaction of proton with very light nuclei	Project	14,000	27
Van Ders, W.T.H. Physics Manitoba	IEP-64 - Test of charge symmetry in n-p scattering * with N.E. Davison (Manitoba), W.J. McDonald, C.A. Miller, G.A. Moss, G. Roy, G.M. Stinson (Alberta)	Project	75,176	27
Van Ders, W.T.H. Physics Manitoba	Polarization studies and total reaction cross section measurements	Individual	25,000	22
Van Rees, G.H.J. Computer Science Manitoba	Latin squares and their properties 3yr - 3rd Inst.	Individual	2,255	16
Vanstone, S.A. Combin./Optimiz. Waterloo	The analysis and construction of combinatorial designs and codes 3yr - 1st Inst.	Individual	5,666	16
Van Vliet, K.M. Centre de rech math Montréal	Réponse linéaire transport et fluctuations 3ans - 2ième vers.	Individuelle	28,831	15
Van Wijngaarden, A. Physics Windsor	Atomic physics with ion beams 3yr - 2nd Inst.	Individual	19,309	15
Varadarajan, K. Math/Statistics Calgary	1) The wall obstruction of nilpotent and simple spaces. 2) Study of strongly prime SP modules. 3) K-theory and quadratic forms 3yr - 2nd Inst.	Individual	13,564	16
Varah, J.M. Computer Science British Columbia	Practical numerical analysis of problems in differential equations and linear algebra 3yr - 1st Inst.	Individual	25,000	07

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Varshni, Y.P. Physics Ottawa	Investigations in theoretical physics and astrophysics 3yr - 3rd Inst.	Individual	13,974	15
Vasseur, P. Génie civil Ecole Polytech.	Refroidissement thermoconvectif de fluides contenus dans des cavités fermées 3ans - 1er vers.	Individuelle	12,000	13
Vaucher, J.G. Infor. & rech opér. Montréal	Safe and efficient systems programming 3ans - 1er vers.	Individuelle	24,000	07
Vaughan, H. Mechanical Eng. British Columbia	1) Tearing of plate 2) Circular saw blade design at speed 3yr - 2nd Inst.	Individual	11,539	13
Vaughan, K. Chemistry Saint Mary's	Synthesis and mechanism studies with open-chain triazenes, heterocyclic synthons and selective anti-tumour agents 3yr - 1st Inst.	Individual	12,500	05
Vederas, J.C. Chemistry Alberta	Polyketide biosynthesis using 180 isotope shifts in 13C-NMR	Individual	13,000	05
Veizer, J. Geology Ottawa	Evolution of the terrestrial exogenic system 3yr - 1st Inst.	Individual	20,000	10
Venart, J.E.S. Mechanical Eng. New Brunswick	Thermal conductivity of fluids and heat transfer 3yr - 1st Inst.	Individual	25,000	13
Venetsanopoulos, A.N. Electrical Eng. Toronto	Digital signal processing 3yr - 2nd Inst.	Individual	20,130	11
Venkataraman, R. Mathematics Manitoba	Analysis on topological groups and topology of spaces in algebraic geometry 3yr - 3rd Inst.	Individual	3,143	16
Venkatesan, D. Physics Calgary	Space and upper atmospheric physics 3yr - 2nd Inst.	Individual	25,300	17
Venkatesan, D. Physics Calgary	* Principal investigator C.D.Anger(Calgary)	Co-op		17
Venter, R.D. Mechanical Eng. Toronto	Mechanics of materials in fracture, forming and manufacturing processes 3yr - 2nd Inst.	Individual	14,850	13
Venter, R.D. Mechanical Eng. Toronto	* Principal investigator M.R.Piggott(Toronto) 3yr - 2nd Inst.	Co-op		13

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Vera, J.H. Chemical Eng. McGill	Phase-equilibria and thermodynamic properties of mixtures 3yr - 3rd Inst.	Individual	17,797	04
Verbeek, N.A.M. Biolog. Sciences Simon Fraser	Behavioral ecology of birds 3yr - 3rd Inst.	Individual	15,701	18
Verma, D.P.S. Biology McGill	Regulation of the host and Rhizobium genes involved in symbiotic nitrogen fixation 3yr - 1st Inst.	Individual	79,000	02
Verma, R.D. Physics New Brunswick	Spectroscopic study of free radicals 3yr - 1st Inst.	Individual	18,500	15
Verma, S.P. Electrical Eng. Saskatchewan	1) Reduction of acoustic noise in electrical machines. 2) Hybrid reluctance motors. 3) Shaft-potentials in turbogenerators. 3yr - 2nd Inst.	Individual	16,170	11
Vermeulen, F. Electrical Eng. Alberta	1) Use of electromagnetic heating for the in-situ recovery of fossil fuels. 2) Electrothermic thawing of permafrost for relief of stresses due to frost heaving in chilled gas pipelines 3yr - 1st Inst.	Individual	22,600	11
Vermeulen, P.J. Mechanical Eng. Calgary	Acoustic control of combustor processes - evolution of low noise combustors 3yr - 2nd Inst.	Individual	11,000	13
Verner, J.H. Math/Statistics Queen's	Numerical solution of ordinary differential equations 3yr - 1st Inst.	Individual	2,700	07
Verrall, R.E. Chem & Chem Eng. Saskatchewan	Ultrasonic, thermodynamic and spectroscopic studies of biologically important molecules 3yr - 2nd Inst.	Individual	15,400	05
Vertinsky, I.B. Animal Res. Ecol. British Columbia	Dynamics and management of high and low density populations 3yr - 2nd Inst.	Individual	19,800	18
Vertinsky, I.B. Animal Res. Ecol. British Columbia	* Principal investigator W.G. Wellington (B.C.) 3yr - 2nd Inst.	Co-op		18
Vethamany-Globus, S. Biology Waterloo	1) Hormone control of limb regeneration in salamanders 2) Regeneration of pancreas in salamanders 3yr - 1st Inst.	Individual	14,500	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Vetter, W.J. Eng./Applied Sci. Memorial	Ocean sediment classification using acoustic sensing	Individual	11,000	10
Vezina, P.E. Aménag./sylvicult. Laval	1) Dynamique des peuplements aménagés de sapin baumier et l'épidémie de tordeuse des bourgeons 2) Modèles de développement de peuplements issus de coupes et/ou d'incendies	Individuelle	5,000	18
Viarouge, P.P. Génie électrique Laval	Système de conversion électrique pour petite éolienne autonome (SCEPEA) * avec L.M.Boisvert(Laval)	Groupe	6,600	11
Vickers, G.W. Mechanical Eng. British Columbia	1) Transient impact stresses and deformation modes in plane strain upsetting 2) N.C. machining of doubly curved surfaces 3yr - 3rd Inst.	Individual	15,701	13
Vickery, B.U. Engineering Western Ontario	Wind effects on structures and approaches to design for wind loads 3yr - 2nd Inst.	Individual	20,900	13
Vickery, V.R. Entomology Macdonald Coll.	1) Systematics of insects in Canada 2) Wintering honey bees	Individual	12,000	18
Vickson, R.G. Management Sci. Waterloo	Job processing control models in industrial scheduling 3yr - 2nd Inst.	Individual	19,800	20
Vidaver, W.E. Biolog. Sciences Simon Fraser	Investigations of energy conversion and photobiological control mechanisms in plants 3yr - 3rd Inst.	Individual	18,117	03
Vidyasagar, M. Electrical Eng. Waterloo	Stability and control of large- scale systems with application to power systems 3yr - 3rd Inst.	Individual	49,074	11
Vidyasankar, K. Computer Science Memorial	Efficient algorithms for graph problems concerning coboundaries 3yr - 1st Inst.	Individual	2,444	16
Vijayan, S. Chemical Eng. McMaster	Physico-chemical behaviour of micro and macroemulsion systems with ultra low interfacial tensions used in tertiary oil recovery processes 3yr - 2nd Inst.	Individual	11,000	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Vikis-Freibergs, V. Psychologie Montréal	1) Etudes sur le recouvrement mnémonique et sur l'apprentissage 2) Etudes psycholinguistiques 3ans - 2ième vers.	Individuelle	8,470	12
Villegas, C. Mathematics Simon Fraser	Bayesian inference, functional models and time series 3yr - 3rd Inst.	Individual	13,093	14
Villeneuve, J.P. INRS-Eau Québec-INRS	1) Modèle mathématique appliqué 2) Gestion optimale de la ressource eau d'un bassin 3ans - 3ième vers.	Individuelle	18,117	06
Villeneuve, L. Génie industriel Ecole Polytech.	Modèle de mesure des facteurs de performance technique, économique et de gestion appliqué aux entreprises manufacturières 3ans - 2ième vers.	Individuelle	20,900	20
Vinet, R. Génie mécanique Ecole Polytech.	* Chercheur principal R.Gauvin(Ecole Poly.) 3ans - 3ième vers.	Groupe		13
Vining, L.C. Biology Dalhousie	Antibiotics and other secondary metabolites 3yr - 2nd Inst.	Individual	50,050	02
Vinogradov, A. Civil Engineering Calgary	Creep of engineering materials and its effect on the time-dependent behavior and stability of structures 3yr - 2nd Inst.		11,000	06
Vinogradov, O. Mechanical Eng. Calgary	Cable-reinforced inflatable structures. Mooring systems. Ship with an auxiliary ice-breaking device	Individual	8,000	13
Vipond, D. Psychology Saint Thomas	Text comprehension 3yr - 1st Inst.	Individual	5,000	12
Virgo, B.B. Biology Windsor	Steroids and exogenous chemicals: effects on development and cytochrome P450 3yr - 2nd Inst.	Individual	9,900	01
Viswanatha, T. Chemistry Waterloo	1) Structure and function of enzymes 2) Biological N-hydroxylation 3yr - 1st Inst.	Individual	27,000	02
Viswanathan, K.S. Physics Simon Fraser	Gauge field theories of fundamental interactions	Individual	10,790	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Vitovec, F.H. Mineral Eng. Alberta	Effect of surface alloying on fatigue life 3yr - 1st Inst.	Individual	7.400	04
Vitt, D.H. Botany Alberta	The ecology, floristics & systematics of bryophytes in arctic & boreal western North America 3yr - 3rd Inst.	Individual	24.156	18
Vlach, J. Electrical Eng. Waterloo	Switched capacitor networks	Individual	18.800	11
Vlachopoulos, J. Chemical Eng. McMaster	1) Polymer processing and rheology, 2) Numerical methods 3yr - 1st Inst.	Individual	18.400	04
Vladut, T.I. Civil Engineering Ottawa	Estimation of foundation settlement from shear strength parameters, phi and C of soils 3yr - 3rd Inst.	Individual	9.662	06
Vladykov, V.D. Biology Ottawa	Northern hemisphere lampreys (Petromyzonidae) 3yr - 1st Inst.	Individual	3.000	18
Vlcek, J. Forestry Toronto	Thermal sensing for soil water detection in forest nurseries 3yr - 1st Inst.	Individual	8.000	03
Vocelle, D. Chimie Qué-Montréal	Synthèses de substances azotées: synthèse de dérivés de l'harmane et d'imines hautement conjuguées 3ans - 3ième vers.	Individuelle	11.000	05
Voda, P. Computer Science Alberta	Towards a practical programming language using theoretical concepts	Individual	8.000	07
Vo-Dai, T. Informatique Laval	Modélisation et simulation des systèmes informatiques	Individuelle	8.000	07
Vogt, E.W. Physics British Columbia	Pion interactions with atomic nuclei	Individual	22.000	15
Voigt, E.M. Chemistry Simon Fraser	Optical studies of energy transfer processes and of electron donor/acceptor interactions	Individual	11.890	15
Volesky, B. Chemical Eng. McGill	Optimization of selected fermentation processes 3yr - 2nd Inst.	Individual	12.100	04
Volkov, A.B. Physics McMaster	Nuclear collective properties: rotations, vibrations and heavy ion reactions 3yr - 1st Inst.	Individual	9.790	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Vonarburg, J.J. Sciences pures Qué-Chicoutimi	* Chercheur principal G.Gallagher(Qué.-Chicoutimi) 3ans - 1er vers.	Groupe		13
Von Borstel, R.C. Genetics Alberta	Origin of spontaneous mutations 3yr - 1st Inst.	Individual	49,000	02
Von Grünau, M.W. Psychology Queen's	Psychophysical, behavioral and electrophysiological studies in strabismic amblyopia 3yr - 2nd Inst.		11,000	12
Von Keviczky, A.B. Mathematics Concordia	Wiener-hopf, trace class and hammerstein operators in H-Phi (Pi+) with radial action 3yr - 2nd Inst.	Individual	1,272	16
Von Tigerstrom, R.G. Microbiology Alberta	RNA-degrading enzymes and RNAase inhibitors	Individual	11,000	02
Vosko, S.H. Physics Toronto	Theoretical studies of metals and magnetism 3yr - 3rd Inst.	Individual	29,205	15
Voss, W.A.G. Electrical Eng. Alberta	Microwave power and instrumentation 3yr - 3rd Inst.	Individual	22,465	11
Vo-Van, T. Math/physique Moncton	Propriétés optiques et photoélectriques des matériaux 3ans - 3ième vers.	Individuelle	10,145	15
Voyce, S. Computer Science Regina	The design and analysis of a portable operating system for microcomputer-based computer assisted instruction, part II	Individual	6,700	07
Vranesic, Z.G. Electrical Eng. Toronto	Reliable and distributed computer systems 3yr - 2nd Inst.	Individual	17,820	11
Vreeken, W.J. Geography Queen's	Quaternary environments and paleosols in southern Alberta	Individual	7,000	10
Vroomen, L.J. Mechanical Eng. McGill	* Principal investigator P.J.A.Zsombor-Murray(McGill) 3yr - 2nd Inst.	Group		13
Wacker, A.G. Electrical Eng. Saskatchewan	* Principal investigator A.R.Boyle(Sask.)	Group		11
Waddington, J.C. Physics McMaster	Nuclear structure studies	Individual	32,000	22

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Waddington, J.C. Physics McMaster	* Principal investigator J.A.Kuehner(McMaster)	Co-op		22
Wade, J.H.T. Mechanical Eng. McMaster	The design and testing of highly loaded turbine blading in both two and three-dimensional configurations 3yr - 3rd Inst.	Individual	22,344	13
Wagenaar, E.B. Biolog. Sciences Lethbridge	Mitosis and cell cycle; cell ultrastructure 3yr - 2nd Inst.	Individual	20,900	02
Wahlsten, D.L. Psychology Waterloo	Developmental and genetic studies of brain and behaviour in the laboratory mouse 3yr - 3rd Inst.	Individual	16,184	12
Wainwright, J. Applied Math. Waterloo	Exact solutions of Einstein's equations, and algebraic computing 3yr - 1st Inst.	Individual	6,370	15
Wainwright, L.K. Biology Mt. St. Vincent	Adenosine receptors in the chick pineal and brain 3yr - 3rd Inst.	Individual	7,247	02
Wainwright, P.E. Human Kinetics Waterloo	The effect of prenatal nutrition on fibre tract development in the brain of the laboratory mouse 3yr - 1st Inst.	Individual	9,000	01
Walden, D.B. Plant Science Western Ontario	Maize cytogenetics 3yr - 3rd Inst.	Individual	26,572	02
Walden, D.B. Plant Science Western Ontario	Identification of unique peptides from corn pollen (New Research Idea)	Individual	20,000	02
Walden, P.L. TRIUMF British Columbia	IEP-18 - Pion Production from Hydrogen * with G.Jones, D.F.Ottewill(B.C.), W.R.Falk(Manitoba)	Project	52,000	27
Walker, B.L. Nutrition Guelph	Perinatal nutrition and biochemical development 3yr - 3rd Inst.	Individual	28,184	01
Walker, D.C. Chemistry British Columbia	* Principal investigator D.G.Fleming(B.C.)	Project		27
Walker, D.C. Chemistry British Columbia	Radiation chemistry and related studies: including solvated electron studies, origins of optical activity and muonium chemistry 3yr - 3rd Inst.	Individual	32,128	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Walker, G. Mechanical Eng. Calgary	Energy flow in regenerative systems 3yr - 2nd Inst.	Individual	11,550	13
Walker, G.A.H. Geophys./Astron. British Columbia	Astronomical spectroscopy and area photometry 3yr - 2nd Inst.	Individual	16,500	17
Walker, G.A.H. Geophys./Astron. British Columbia	Area photometry and spectroscopy with low light level multichannel detectors * with G.G.Fahlman, P.Hickson, J.R.Auman, T.K.Menon, H.B.Richer(B.C.) 3yr - 1st Inst.	Co-op	63,000	17
Walker, G.B. Electrical Eng. Alberta	Engineering electromagnetics	Individual	8,100	11
Walker, I.M. Chemistry York	Polarized crystalline spectra of oriented solids at low temperatures 3yr - 1st Inst.	Individual	6,000	05
Walker, M.B. Physics Toronto	Theory of incommensurate charge and spin density wave phenomena 3yr - 1st Inst.	Individual	23,780	15
Walker, M.D. Math/Comp Science York	1) Homotopy pullbacks 2) Mathematics and cosmology 3) Survey of algebraic topology 3yr - 1st Inst.	Individual	1,166	16
Walker, R.G. Geology McMaster	Development of clastic facies models; emphasis on shallow marine systems 3yr - 1st Inst.	Individual	30,000	10
Walker, S. Chemistry Lakehead	Dielectric relaxation studies 3yr - 3rd Inst.	Individual	27,598	05
Wallace, J.S. Mechanical Eng. Toronto	Soot formation from aromatic hydrocarbons 3yr - 1st Inst.	Individual	9,500	13
Wallace, P.R. Physics McGill	Properties of semiconductors and semi-metals in strong magnetic fields 3yr - 2nd Inst.	Individual	26,400	15
Wallace, R. Chemistry Manitoba	Theory of molecular processes 3yr - 1st Inst.	Individual	21,000	05
Wallace, S.C. Chemistry Toronto	Nonlinear laser spectroscopy 3yr - 3rd Inst.	Individual	12,500	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wallen, D.G. Biology Windsor	1) Production processes in western Lake Erie, and the role of heterotrophic nutrition 2) Studies of nitrogen transformations in the littoral zone of oligotrophic Devil Lake 3yr - 2nd Inst.	Individual	16,500	18
Waller, D.H. Civil Engineering Tech Univ N.S.	Urban storm water quality and quality processes 3yr - 2nd Inst.	Individual	13,200	06
Walsh, D. Physics McGill	Raman scattering and photoluminescence in crystals 3yr - 2nd Inst.	Individual	19,844	15
Walsh, J.B. Mathematics British Columbia	Probability theory and applications 3yr - 1st Inst.	Individual	31,106	16
Walters, C.J. Animal Res. Ecol. British Columbia	1) Models for adaptive management of renewable resources; 2) Dynamics of disturbed plankton systems	Individual	20,000	18
Walters, C.J. Animal Res. Ecol. British Columbia	Experimental manipulation of plankton communities * with W.E.Neill, T.G.Northcote(B.C.) 3yr - 2nd Inst.	Co-op	15,400	18
Walters, G.C. Psychology Toronto	Studies of the aversive control of behavior 3yr - 1st Inst.	Individual	14,200	12
Walton, D. Physics McMaster	Phonon interactions 3yr - 3rd Inst.	Individual	31,101	15
Walton, J.S. Animal/Poultry Sc. Guelph	Control of ovarian function during lactation 3yr - 2nd Inst.	Individual	9,900	01
Walton, P.D. Plant Science Alberta	1) Interspecific and intergeneric hybridization in the gramineae 2) The relationship between stomata and forage yield 3yr - 2nd Inst.	Individual	22,000	03
Waltz, W.L. Chem & Chem Eng. Saskatchewan	Radiation chemistry and photochemistry of transition metal complexes and their associated ligands * with R.J.Woods(Sask.)	Group	10,000	05
Wan, F.Y.M. Mathematics British Columbia	Mathematical problems in economics, elasticity and neurobiology 3yr - 2nd Inst.	Individual	19,154	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wan, J.K.S. Chemistry Queen's	New Research Idea-Exploratory investigation of the chemistry of novel optically active stable radicals	Individual	18,100	05
Wan, J.K.S. Chemistry Queen's	Chemical applications of ESR and CIDEP * with D.A.Hutchinson(Queen's)	Group	31,000	05
Wang, C.L. Math/Statistics Regina	Approximation and optimization 3yr - 2nd Inst.	Individual	2,120	16
Wang, E.T.H. Mathematics Wilfrid Laurier	Permanental simplexes of doubly stochastic matrices 3yr - 2nd Inst.	Individual	2,200	16
Wang, L. Zoology Alberta	Homeotherms in cold: Strategies and adaptations 3yr - 3rd Inst.	Individual	23,498	01
Wang, P.C.C. Math/Statistics Calgary	Infinitesimal robustness theory and applications 3yr - 1st Inst.	Individual	1,690	14
Wang, S.F. Physics Waterloo	Theoretical studies of electron states in metallic alloys 3yr - 2nd Inst.	Individual	17,193	15
Wang, Y.H. Mathematics Concordia	Characterization of distributions and its applications 3yr - 1st Inst.	Individual	4,060	14
Wangersky, P.J. Oceanography Dalhousie	The carbon cycle in the open ocean 3yr - 1st Inst.	Individual	30,000	21
Wani, J. Math/Statistics Calgary	Abundance distributions and related estimation 3yr - 2nd Inst.	Individual	1,958	14
Wanke, S.E. Chemical Eng. Alberta	Characterization of supported metal catalysts 3yr - 3rd Inst.	Individual	19,609	04
Ward, C.A. Mechanical Eng. Toronto	Theoretical and experimental examination of interfacial transport 3yr - 2nd Inst.	Individual	24,200	13
Ward, G.B. Civil Engineering New Brunswick	1) Environmental impact from a sanitary landfill 2) Comparative research analysis of selected methodologies for the prevention and control of environment effects from engineering works 3yr - 3rd Inst.	Individual	9,662	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ward, L.M. Psychology British Columbia	Psychophysics, measurement, and pattern recognition 3yr - 1st Inst.	Individual	14,000	12
Ward, M.A. Civil Engineering Calgary	Energy efficient and durable concrete * with E.W.Langan(Calgary) 3yr - 1st Inst.	Group	30,000	06
Ward, R.M. Psychologie Qué.-Trois-Riv	Albinisme et le système visuel 3ans - 3ième vers.	Individuelle	9,541	12
Wardlaw, N.C. Geology & Geophys. Calgary	Reservoir properties of sedimentary rocks 3yr - 2nd Inst.	Individual	22,440	10
Ware, W.R. Chemistry Western Ontario	Molecular photophysics	Individual	40,000	05
Warkentin, J. Chemistry McMaster	Mechanistic and synthetic studies in organic chemistry 3yr - 1st Inst.	Individual	41,000	05
Warmoes, J.C. Génie industriel Ecole Polytech.	La dépendance dans les arbres logiques de défaillance (F.T.A.)	Individuelle	7,000	20
Warr, T. Meteorology McGill	Nonlinear studies of large scale atmospheric waves 3yr - 2nd Inst.	Individual	13,200	17
Warner, A.H. Biology Windsor	Translational control of protein synthesis and dinucleoside polyphosphates in embryos 3yr - 3rd Inst.	Individual	18,117	02
Warner, J.L. Mechanical Eng. Tech Univ N.S.	* Principal investigator D.Cochkanoff(Tech. Univ.-N.S.)	Group		13
Warrhoff, E.W. Chemistry Western Ontario	Organic reaction mechanism studies 3yr - 1st Inst.	Individual	18,000	05
Warnock, R.G. Civil Engineering Ottawa	1) Nutrient removal in septic tank effluent applied to soil 2) Suspension and transport of fine- grained soil particles in streams 3yr - 1st Inst.	Individual	10,000	06
Warrack, B.D. Quantitative Method Wilfrid Laurier	The two-action problem with a general prior density function 3yr - 3rd Inst.	Individual	1,543	14
Warren, C.H. Chemistry Dalhousie	Laser induced fluorescence of small radicals	Individual	8,000	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Warren, H.V. Geological Sciences British Columbia	Biogeochemical exploration for gold and silver using neutronactivation	Individual	7,000	10
Warren, J.B. Physics British Columbia	* Principal investigator B.L.White(B.C.)	Project		27
Warren, J.B. Physics British Columbia	IEP-78 - Muonium Formation * with C.J.Dram,J.H.Brewer(B.C.)	Project	27,000	27
Warren, J.E. Physics Lakehead	IEP-58 - Muon conversion	Project	6,500	27
Warren, R.A.J. Microbiology British Columbia	Studies on bacteriophage OW-14 3yr - 3rd Inst.	Individual	21,740	02
Warshaw, L.D. Architecture Montréal	* Chercheur principal C.Parisel(Montréal)	Groupe		06
Warwaruk, J. Civil Engineering Alberta	Research in structural masonry and prestressed concrete 3yr - 2nd Inst.	Individual	23,650	06
Wasan, M.T. Math/Statistics Queen's	Design of experiment & statistical inference for stochastic processes 3yr - 2nd Inst.	Individual	4,699	14
Wasylshen, R.E. Chemistry Winnipeg	Nuclear magnetic resonance studies of order, motion and molecular conformation in solids 3yr - 2nd Inst.	Individual	18,700	05
Watanabe, T. Geophys./Astron. British Columbia	Geomagnetic pulsations and aurorae 3yr - 3rd Inst.	Individual	17,513	17
Watanabe, T. Geophys./Astron. British Columbia	* Principal investigator G.Rostoker(Alberta)	Co-op		17
Watanabe, T. Geophys./Astron. British Columbia	* Principal investigator J.W.MacDougall(Western Ontario)	Co-op		17
Watkinson, A.P. Chemical Eng. British Columbia	Gas/solid reactions and transfer processes; electrochemical process research; heat exchanger fouling 3yr - 2nd Inst.	Individual	17,050	04
Watkinson, D.H. Geology Carleton	Exploration for and genesis of ore deposits 3yr - 2nd Inst.	Individual	12,650	10

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Watson, A. Electrical Eng. Windsor	Liquid dielectrics / pulsed power 3yr - 1st Inst.	Individual	7,400	11
Watson, A.K. Plant Science Macdonald Coll.	Host specialization of Puccinia attacking cardueae 3yr - 2nd Inst.	Individual	11,000	18
Watson, B.B. Math/Statistics Memorial	Tauberian theorems for Abel, Borel, and Logarithmic summability methods 3yr - 2nd Inst.	Individual	1,822	16
Watson, P.J.S. Physics Carleton	Q.C.D. and CHEER 3yr - 1st Inst.	Individual	8,790	15
Watt, D.F. Eng Materials Windsor	Deformation in multiple phase alloys with large spacing between barriers 3yr - 1st Inst.	Individual	9,400	04
Watt, L.A.K. Electrical Eng. Waterloo	Physical properties of semi conductor devices 3yr - 2nd Inst.	Individual	8,910	11
Watt, W.E. Civil Engineering Queen's	Streamflow prediction, simulation and forecasting 3yr - 1st Inst.	Individual	13,500	06
Watters, B.R. Geology Regina	Geochemical study of volcanic rocks in the La Ronge and Flin Flon areas, northern Saskatchewan	Individual	8,000	10
Watton, A. Physics Victoria	Molecular dynamics in solids	Individual	11,960	15
Watts, D.G. Math/Statistics Queen's	Statistical design and analysis for nonlinear models 3yr - 1st Inst.	Individual	10,995	14
Watts, K.C. Mechanical Eng. Tech Univ N.S.	Computer simulation of two hinged floating platforms 3yr - 3rd Inst.	Individual	9,059	13
Waugh, W.A.O. Statistics Toronto	Applications of stochastic processes & associated theoretical development 3yr - 1st Inst.	Individual	1,980	14
Waygood, E.R. Botany Manitoba	Intermediary metabolism in leaves and algae 3yr - 3rd Inst.	Individual	9,662	03
Wayman, M. Chemical Eng. Toronto	Wood chemistry: wood-based chemicals and energy 3yr - 2nd Inst.	Individual	23,650	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wayman, M.L. Mineral Eng. Alberta	Segregation and precipitation in iron alloys 3yr - 2nd Inst.	Individual	12,100	04
Weatherhead, P.J. Biology Carleton	Ecological correlates of avian reproductive strategies 3yr - 2nd Inst.		23,000	18
Weatherley, A.H. Zoology Toronto	Experimental investigations of growth in fish 3yr - 1st Inst.	Individual	14,000	01
Weatherly, G.C. Metal/Mat. Science Toronto	Relationship between microstructure and properties of alloys 3yr - 3rd Inst.	Individual	29,271	04
Weatherly, G.C. Metal/Mat. Science Toronto	* Principal investigator G.R.Purdy(McMaster) 3yr - 1st Inst.	Co-op		04
Weaver, D.S. Mechanical Eng. McMaster	Flow induced vibrations in heat exchangers and valves 3yr - 1st Inst.	Individual	19,000	13
Weaver, J.T. Physics Victoria	Electromagnetic induction in the earth and oceans 3yr - 2nd Inst.	Individual	16,500	10
Webb, J. Biology Carleton	Metabolism of galactosylsucrose oligosaccharides in Cucurbita pepo 3yr - 3rd Inst.	Individual	11,474	03
Webb, R.A. Biology York	Neurosecretion in flatworms and annelids 3yr - 1st Inst.	Individual	14,600	01
Weber, M.E. Chemical Eng. McGill	Multiphase behavior & heat transfer 3yr - 2nd Inst.	Individual	16,115	04
Webster, A.R. Fac. of Eng. Sci. Western Ontario	Microwave fading in south- western Ontario 3yr - 1st Inst.	Individual	8,100	11
Webster, G.R. Soil Science Alberta	Reclamation of solonchic soils 3yr - 2nd Inst.	Individual	22,000	03
Webster, G.R.B. Soil Science Manitoba	Fate of synthetic pyrethroids in aquatic ecosystems: permethrin as a mosquito larvicide 3yr - 2nd Inst.	Individual	13,200	18
Webster, J.M. Biolog. Sciences Simon Fraser	Host parasite relationships of organisms in insects and plants 3yr - 3rd Inst.	Individual	39,857	03

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Webster, W.G. Psychology Carleton	Brain lateralization in nonhuman species 3yr - 2nd Inst.	Individual	9,900	12
Wedepohl, L.M. Electrical Eng. British Columbia	Transient and surface wave phenomena in multi-conductor electric power transmission lines 3yr - 2nd Inst.	Individual	11,330	11
Weedon, A.C. Chemistry Western Ontario	Organic photochemistry	Individual	11,000	05
Weeks, G. Microbiology British Columbia	The role of lipid in membrane function 3yr - 2nd Inst.	Individual	23,100	02
Weetman, G.F. Silviculture British Columbia	B.C. forest fertilization and nutrition 3yr - 2nd Inst.	Individual	25,740	03
Wehlau, A.F. Astronomy Western Ontario	Variable stars in globular clusters and nearby galaxies 3yr - 2nd Inst.	Individual	6,600	17
Wehlau, W.H. Astronomy Western Ontario	Optical and infrared studies of stars 3yr - 1st Inst.	Individual	12,000	17
Wehlau, W.H. Astronomy Western Ontario	Fourier spectroscopy of astronomical objects * with R.P.Lowe, J.M.Moorhead (Western Ontario) 3yr - 1st Inst.	Co-op	12,000	17
Wehrhahn, C.F. Animal Res. Ecol. British Columbia	Experimental quantitative and theoretical population genetics 3yr - 2nd Inst.	Individual	19,800	18
Wei, L.Y. Electrical Eng. Waterloo	Metal-semiconductor active lines and piezoelectric devices 3yr - 3rd Inst.	Individual	9,904	11
Weichman, F.L. Physics Alberta	Optical and electronic properties of Cu ₂ O and boron compounds 3yr - 2nd Inst.	Individual	15,873	15
Weil, J.A. Chem & Chem Eng. Saskatchewan	Magnetic resonance and chemical studies of complex systems 3yr - 3rd Inst.	Individual	43,239	05
Weiler, L. Chemistry British Columbia	Synthesis and study of organic compounds 3yr - 3rd Inst.	Individual	22,465	05
Wein, R.W. Biology New Brunswick	Ecosystem functioning and fire in the Acadian forest 3yr - 1st Inst.	Individual	13,000	18

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Weinberg, F. Metallurgical Eng. British Columbia	Solidification of metals 3yr - 2nd Inst.	Individual	28,050	04
Weinberger, P. Biology Ottawa	The transport, ecophysiology and toxicology of three pesticides and cosolvents in flow-through aquatic environments 3yr - 1st Inst.	Individual	9,000	03
Weingarten, H.P. Psychology McMaster	Analysis of the "finickiness" component of the ventromedial hypothalamic obesity syndrome 3yr - 2nd Inst.	Individual	10,120	12
Weingartshofer, A. Physics St. F. Xavier	1) Angular distribution of resonant electron scattering in atoms and molecules 2) Free-free electronic transitions in intense laser fields 3yr - 3rd Inst.	Individual	14,494	15
Weir, N.A. Chemistry Lakehead	1) Dielectric studies of polymer photo-oxidation and photodegradation 2) Photolysis of substituted polystyrenes 3yr - 3rd Inst.	Individual	15,580	05
Weis, I.M. Biology Windsor	The adaptive significance of propagule size in prairie fugitive species 3yr - 2nd Inst.	Individual	6,600	18
Weisbart, M. Biology St. F. Xavier	Physiological significance of steroids in fish 3yr - 1st Inst.	Individual	16,300	01
Weisman, R.G. Psychology Queen's	Representation of temporal sequence in animals 3yr - 3rd Inst.	Individual	15,098	12
Weiss, A.R. Mathematics Alberta	1) Units of integral group rings; 2) Analytic theory of number fields 3yr - 1st Inst.	Individual	1,944	16
Weiss, N. Physics British Columbia	Gauge theories in elementary particle interactions	Individual	11,000	15
Weiss, W.A.R. Mathematics Toronto	Applications of set theory: infinite combinatorics and topology 3yr - 1st Inst.	Individual	7,000	16
Welch, G.A. Astronomy Saint Mary's	Photometric studies of star clusters and galaxies 3yr - 2nd Inst.	Individual	11,000	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Welch, H.E. Zoology Manitoba	Invertebrate parasitology 3yr - 2nd Inst.	Individual	12,100	01
Weldon, K.L. Mathematics Simon Fraser	1) Cross-sectional sampling 2) Multivariate data analysis 3yr - 3rd Inst.	Individual	2,340	14
Wellington, W.G. Animal Res. Ecol. British Columbia	Dispersal, establishment, and population dynamics in relation to habitat structure 3yr - 1st Inst.	Individual	44,000	18
Wellington, W.G. Animal Res. Ecol. British Columbia	Aggression, territoriality, and predation in heterogeneous environments: assessment of their impact on local populations through field, laboratory, and simulation experiments * with I.E. Vertinsky (B.C.) 3yr - 2nd Inst.	Co-op	38,500	18
Wellman, A.M. Plant Science Western Ontario	1) Mutant analysis of germination of microbial spores 2) Regulation of microbial degradation of hydrocarbons 3yr - 1st Inst.	Individual	20,000	02
Wells, D.E. Surveying Eng New Brunswick	Arctic marine navigation aids 3yr - 2nd Inst.	Individual	14,300	06
Wells, R.B. Psychology Carleton	* Principal investigator A.R. Moffitt (Carleton) 3yr - 2nd Inst.	Group		12
Welsh, H.L. Physics Toronto	Molecular spectroscopy	Individual	4,000	15
Wenger, H.A. Physical Education Victoria	Alterations in protein synthesis in developing skeletal muscle in response to different exercise stimuli 3yr - 3rd Inst.	Individual	12,078	02
Werstiuk, N.H. Chemistry McMaster	Studies on the mechanisms of organic reactions	Individual	20,000	05
Wertheimer, M.R. Engineering Physics Ecole Polytech.	New applications of "cold" microwave plasmas 3yr - 2nd Inst.	Individual	18,150	04
Wesemael, F. Physique Montréal	Etude des propriétés atmosphériques des étoiles naines blanches 3ans - 1er vers.		17,500	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wesolowsky, G.O. Man. Sc./Inf.Sys. McMaster	1) Location models 2) Multistage inventory models 3yr - 2nd Inst.	Individual	12,980	20
Wesson, P.S. Physics Alberta	Self-similar solutions in general relativity and their application to astrophysics 3yr - 2nd Inst.		11,000	17
West, G.F. Physics Toronto	Applied, regional and tectono- geophysics 3yr - 1st Inst.	Individual	33,000	10
West, N.H. Physiology Saskatchewan	Respiratory control in larval and adult amphibians 3yr - 1st Inst.	Individual	16,000	01
West, P.R. Chemistry Victoria	E.P.R. studies on transient organic radicals in aqueous solution 3yr - 3rd Inst.	Individual	9,541	05
Westaway, K.C. Chemistry Laurentian	Isotope effects in nucleophilic substitution reactions 3yr - 3rd Inst.	Individual	5,918	05
Westermann, G.E.G. Geology McMaster	Jurassic ammonites and cephalopod shell function 3yr - 2nd Inst.	Individual	31,350	10
Westermann, J.E.M. Biology McMaster	The fish rodlet cell * with D.E.N.Jensen(McMaster) 3yr - 3rd Inst.	Group	6,039	02
Westgate, J.A. Geology Toronto	Quaternary tephrochronology of western Canada and adjacent parts of Alaska 3yr - 3rd Inst.	Individual	19,325	10
Westgate, J.A. Geology Toronto	* Principal investigator J.C.Ritchie(Toronto)	Co-op		21
Westlake, D.W.S. Microbiology Alberta	Microbial metabolism of natural products 3yr - 3rd Inst.	Individual	38,650	02
Westland, A.D. Chemistry Ottawa	Physical inorganic chemistry of the transition elements 3yr - 2nd Inst.	Individual	8,140	05
Westmore, J.E. Chemistry Manitoba	1) Analysis of compounds of biological importance by gas chromatography and mass spectrometry 2) Mass spectral studies of metal complexes 3yr - 3rd Inst.	Individual	12,561	05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wetmore, R.W. Chemistry Guelph	Ab initio CIPT calculations of the structure and properties of small molecules in their ground and excited states 3yr - 1st Inst.		16,000	05
Wevers, H.W. Mechanical Eng. Queen's	The effect of tissue properties on joint stability and the kinematic behaviour of the human knee in medio-lateral bending * with J.T.Bryant(Queen's) 3yr - 1st Inst.	Group	22,500	13
Wexler, A. Electrical Eng. Manitoba	Numerical solution of fields 3yr - 2nd Inst.	Individual	15,950	11
Whippey, P.W. Physics Western Ontario	Image processing and its applications to biological structures 3yr - 1st Inst.	Individual	9,000	15
Whishaw, I.Q. Psychology Lethbridge	Studies on forebrain-brainstem interactions in the control of movement 3yr - 1st Inst.	Individual	23,500	12
White, B.L. Physics British Columbia	IEP-57 - pp and pd Interactions at Threshold * with E.G.Auld, D.A.Axen, K.L.Erdman, R.Howard, J.B.Warren(B.C.), G.A.Beer, L.P.Robertson(Victoria)	Project	250,000	27
White, B.N. Biology Queen's	Vitellogenin synthesis in the higher Diptera 3yr - 2nd Inst.	Individual	27,500	01
White, C.W. Psychology Concordia	Eye movements and perception: retinotopic and spatiotopic determinants 3yr - 2nd Inst.	Individual	14,740	12
White, G.M. Computer Science Ottawa	Studies of the use of speech in office automation; improvements in heuristic algorithms for scheduling	Individual	6,000	07
White, M.A. Chemistry Waterloo	Low-temperature high-pressure calorimetry 3yr - 1st Inst.		16,000	05
White, N.M. Psychology McGill	Behavioral organization and physiological basis of reinforcement 3yr - 1st Inst.	Individual	16,000	12
White, R.W. Ctre.-Build. Stud. Concordia	Problems of support and energy conservation in the design of large glazed atrium walls 3yr - 3rd Inst.	Individual	9,662	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
White, W.E. Mechanical Eng. Calgary	Mechanical behaviour of engineering materials and environmental effects on fracture 3yr - 3rd Inst.	Individual	12,078	13
Whitehead, M.A. Chemistry McGill	Theoretical quantum chemistry and nuclear quadrupole resonance 3yr - 3rd Inst.	Individual	28,504	05
Whitehead, R.E. Geology Laurentian	* Principal investigator J.F.Davies(Laurentian)	Group		10
Whiteley, H.R. Engineering Guelph	Development and testing of a simulation model for snowmelt- period streamflow on small watersheds 3yr - 2nd Inst.	Individual	9,900	06
Whiteley, W.J. Centre de rech math Montréal	Geometry of structures 3ans - 3ième vers.	Individuelle	1,746	16
Whitfield, J.H.M. Mathematical Sci. Lakehead	1) Differentiable norms and the geometry of Banach spaces. 2) Convex functions on abstract convexity spaces 3yr - 2nd Inst.	Individual	2,670	16
Whitmore, G.A. Management Sciences McGill	Multiple regression methods for inverse Gaussian data 3yr - 2nd Inst.	Individual	2,508	14
Whitmore, M.D. Physics Memorial	Anisotropic superconductors, and impurity effects in solids	Individual	6,390	15
Whitney, R.A. Chemistry Queen's	Synthesis of biologically active compounds and natural products	Individual	12,000	05
Whittick, A. Biology Memorial	Experimental ecology of marine algae	Individual	11,000	18
Whittington, S.G. Chemistry Toronto	Statistical mechanics of polymers and percolation processes 3yr - 3rd Inst.	Individual	22,163	05
Widden, P.R. Biology Concordia	Ecology of soil fungi in forest and mountain ecosystems 3yr - 1st Inst.	Individual	10,000	03
Wiebe, J.P. Zoology Western Ontario	Steroidogenesis, hormone receptors and the induction of meiosis in the testis 3yr - 1st Inst.	Individual	25,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wiener, N.I. Psychology York	Experimental gastric ulcers: The role of central catecholamine systems 3yr - 1st Inst.	Individual	5,000	12
Wiens, T.J. Zoology Manitoba	Integration in lobster cardiac ganglion neurons 3yr - 1st Inst.	Individual	7,500	01
Wieser, H. Chemistry Calgary	Rotation, vibration and VCD spectra and dynamics of ring molecules 3yr - 1st Inst.	Individual	14,000	05
Wiesner, K. Chemistry New Brunswick	Studies in synthesis 3yr - 3rd Inst.	Individual	91,793	05
Wigfield, D.C. Chemistry Carleton	Mechanistic organic and bio- organic chemistry	Individual	23,000	05
Wiggins, G.B. Zoology Toronto	Studies in the systematics and ecology of aquatic insects with particular reference to the Trichoptera (caddisflies) 3yr - 2nd Inst.	Individual	27,115	01
Wiggins, G.B. Zoology Toronto	* Principal investigator G.G.E. Scudder (B.C.) 3yr - 1st Inst.	Co-op		01
Wigham, J.M. Civil Engineering Saskatchewan	Physical modelling of snowmelt runoff 3yr - 1st Inst.	Individual	8,500	06
Wight, J.S. Electronics Carleton	Microwave circuits and antenna structures for digital and analog free space communications	Individual	9,700	11
Wightman, F. Biology Carleton	Studies on hormonal substances and biochemical mechanisms that regulate plant growth and floral development	Individual	37,500	03
Wigley, N.M. Mathematics Windsor	Elliptic boundary value problems in domains with corners 3yr - 1st Inst.	Individual	2,444	16
Wiles, D.R. Chemistry Carleton	Inorganic radiochemistry	Individual	9,500	05
Wilimovsky, N.J. Animal Res. Ecol. British Columbia	Relation of within-stock egg size variation to year-class survival	Individual	12,000	18
Wilk, S.F.J. Physics Manitoba	N-Body scattering and reaction theory 3yr - 1st Inst.	Individual	6,250	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wilkens, J.L. Biology Calgary	Crustacean cardiac and respiratory physiology; brachiopod muscle physiology; synaptic pharmacology 3yr - 1st Inst.	Individual	20,500	01
Wilker, J.B. Mathematics Toronto	Inversive geometry and solid packings 3yr - 3rd Inst.	Individual	1,746	16
Wilkie, E.N. Vet. Micro./Immun. Guelph	Host immune response to Pasteurella haemolytica 3yr - 2nd Inst.	Individual	19,250	01
Wilkie, D.M. Psychology British Columbia	Studies of animal memory 3yr - 3rd Inst.	Individual	15,701	12
Wilkinson, D.S. Inst. for Mat. Res. McMaster	Mechanical properties of materials at elevated temperatures 3yr - 2nd Inst.	Individual	9,350	04
Wilkinson, F.E. Psychology McGill	Development of pattern vision in normal and brain-damaged kittens 3yr - 3rd Inst.	Individual	10,266	12
Will, G.T. Civil Engineering Toronto	Design of buildings for lateral forces 3yr - 2nd Inst.	Individual	11,000	06
Will, G.T. Civil Engineering Toronto	* Principal investigator M.R.Piggott(Toronto) 3yr - 2nd Inst.	Co-op		13
Willard, S. Mathematics Alberta	Mappings of topological spaces 3yr - 1st Inst.	Individual	1,944	16
Williams, D.D. Life Sciences Toronto	Role of behaviour in determining the distribution of running water invertebrates 3yr - 1st Inst.	Individual	20,000	18
Williams, D.D. Life Sciences Toronto	* Principal investigator J.C.Ritchie(Toronto)	Co-op		21
Williams, D.L. Physics British Columbia	Electrons in metals	Individual	32,530	15
Williams, G. Physics Manitoba	1) Interaction effects in dilute alloys 2) Structurally induced anomalies in highly disordered solids 3yr - 3rd Inst.	Individual	26,028	15

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Williams, G.R. Biochemistry Toronto	Catalysis in natural waters 3yr - 3rd Inst.	Individual	33,818	18
Williams, H. Geology Memorial	Anatomy of an orogen 3yr - 3rd Inst.	Individual	50,728	10
Williams, H.C. Computer Science Manitoba	Research in computer algorithms for number theory 3yr - 3rd Inst.	Individual	22,157	16
Williams, H.L. Chemical Eng. Toronto	Properties of polymers in relation to uses 3yr - 3rd Inst.	Individual	27,779	04
Williams, I.D. Kinesiology Waterloo	Feedback and reflex mechanisms in skilled movement 3yr - 3rd Inst.	Individual	5,677	12
Williams, J.P. Botany Toronto	Glycerolipid biosynthesis in higher plants 3yr - 1st Inst.	Individual	32,000	03
Williams, K.S. Mathematics Carleton	Congruences for class numbers of quadratic fields 3yr - 2nd Inst.	Individual	10,173	16
Williams, M.R. Computer Science Calgary	A documentation system for small to medium scale computer systems	Individual	6,000	07
Williams, P.F. Geology New Brunswick	Deformation mechanisms and tectonic processes	Individual	18,000	10
Williams, W.M. Mining/Metal. Eng. McGill	Heat treatment of steel 3yr - 2nd Inst.	Individual	13,200	04
Williams-Jones, A.E. Geological Sciences McGill	An investigation of porphyry- type copper mineralization in the Gaspé region, Quebec	Individual	8,000	10
Williamson, J.H. Biology Calgary	Developmental genetics in Drosophila 1) Molybdenum hydroxylases 2) NADP-oxidative enzymes 3yr - 3rd Inst.	Individual	27,059	02
Willis, C.J. Chemistry Western Ontario	Complexes of transition metals with fluorinated organic ligands	Individual	14,000	05
Willison, J.H.M. Biology Dalhousie	The roles of plant cell wall formation in plant cell morphogenesis 3yr - 2nd Inst.	Individual	13,200	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Willmott, R.C. Mathematics Queen's	Fuzzy set theory 3yr - 2nd Inst.	Individual	2.967	16
Wilms, E.V. Civil Engineering Manitoba	Studies in dry friction damping	Individual	7.600	13
Wilson, E.A. School Human Biol. Guelph	An investigation of neural control of ventilation through posthyperventilation breathing analysis 3yr - 2nd Inst.	Individual	7.150	01
Wilson, D.J. Mechanical Eng. Alberta	Atmospheric pollution dispersion and plume dynamics: Turbulent mass transport of particulates 3yr - 3rd Inst.	Individual	18.721	13
Wilson, F.R. Civil Engineering New Brunswick	Study of the impact of non- regulated trucking operations on highway development 3yr - 2nd Inst.	Individual	18.920	06
Wilson, J.N. Mechanical Eng. Saskatchewan	Fluid control systems 3yr - 1st Inst.	Individual	17.000	13
Wilson, J.R. Psychology Manitoba	Psychobiology of hypertension 3yr - 3rd Inst.	Individual	5.314	12
Wilson, K.C. Civil Engineering Queen's	Analytic modelling of solid- liquid flow and its application to pipeline transport systems 3yr - 1st Inst.	Individual	13.000	06
Wilson, L.M. Psychology Manitoba	Suckling in genetically-obese mouse pups 3yr - 1st Inst.	Individual	6.000	12
Wilson, M.V.H. Zoology Alberta	Late Cretaceous and early Tertiary fishes of western North America	Individual	13.000	10
Wilson, N.W. Mechanical Eng. Windsor	Melting of icebergs in water	Individual	9.000	13
Wilson, T.C. Comp. & Info. Sc. Guelph	Investigating the play through ring network and its extensions	Individual	6.000	07
Wilson, W.J. Electrical Eng. Waterloo	Control design methods for the improvement of power system transient and dynamic stability	Individual	7.400	11
Wilton, J.W. Animal/Poultry Sc. Guelph	Testing and selection programs for ranking beef sires for total efficiency 3yr - 2nd Inst.	Individual	22.000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Winnik, M.A. Chemistry Toronto	Conformation and dynamics of hydrocarbon chains	Individual	25,000	05
Winnik, M.A. Chemistry Toronto	Luminescence techniques for the study of sterically stabilized polymer colloids * with M.D.Croucher(Xerox Research Centre)	Co-op	21,000	05
Winocur, G. Psychology Trent	Comparisons of the animal hippocampal syndrome and the human amnesic syndrome 3yr - 3rd Inst.	Individual	19,325	12
Winsberg, S. Measure/Eval. Sec. Montréal	Analysis of choice data by monotone transformations 3yr - 2nd Inst.	Individual	1,725	14
Winston, M.L. Biolog. Sciences Simon Fraser	Demography, reproductive biology, and life history characteristics of highly social insects 3yr - 1st Inst.	Individual	15,250	18
Winter, B.B. Mathematics Ottawa	Nonparametric density estimation 3yr - 3rd Inst.	Individual	7,517	14
Winterbottom, R. Zoology Toronto	The anatomy, phylogeny and biogeography of perciform fishes 3yr - 1st Inst.	Individual	13,000	01
Winternitz, P. Centre de rech math Montréal	Méthodes de la théorie des groupes en physique 3ans - 2ième vers.	Individuelle	21,626	15
Wintle, H.J. Physics Queen's	Carrier transport effect in insulators 3yr - 2nd Inst.	Individual	23,507	15
Wirasinghe, S.C. Civil Engineering Calgary	Analytical models of transit systems and amber-time investigation at signalized intersections 3yr - 2nd Inst.	Individual	11,000	06
Wise, R.A. Psychology Concordia	Brain mechanisms of feeding behavior 3yr - 3rd Inst.	Individual	18,600	12
Wishart, T.B. Psychology Saskatchewan	On the mechanism of action of non-cataleptogenic neuroleptics 3yr - 3rd Inst.	Individual	5,918	12
Wisner, P.E. Civil Engineering Ottawa	Modelling of design storms for urban drainage simulations 3yr - 3rd Inst.	Individual	16,909	06

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Witten, I.H. Computer Science Calgary	Advanced tools for man-computer interaction	Individual	26,000	07
Wittke, P.H. Electrical Eng. Queen's	Band-efficient data transmission, radar signal processing	Individual	9,500	11
Wobeser, G.A. Veter. Pathol. Saskatchewan	* Principal investigator P.H.G. Stockdale (Sask.) 3yr - 2nd Inst.	Group		01
Wojciechowski, E.W. Chemical Eng. Queen's	Catalytic cracking 3yr - 1st Inst.	Individual	28,400	04
Wolfe, F.H. Food Science Alberta	Physicochemical studies on food proteins and myosystems	Individual	20,000	02
Wolfe, S. Chemistry Queen's	1) Synthetic and biosynthetic studies related to beta-lactam antibiotics 2) Theoretical studies of structure and reactivity 3yr - 3rd Inst.	Individual	40,582	05
Wolfson, D.B. Mathematics McGill	Inference in stochastic processes, optimal sampling of stochastic processes, applied probability 3yr - 3rd Inst.	Individual	3,861	14
Wolkowicz, H. Mathematics Alberta	Finite and infinite dimensional regularization methods in mathematical programming and numerical analysis	Individual	7,500	07
Woloshyn, R.M. Theory Group British Columbia	Theoretical intermediate - energy physics	Individual	9,790	15
Wong, A.K.C. Systems Design Waterloo	Information synthesis and analysis systems 3yr - 2nd Inst.	Individual	23,100	21
Wong, C.M.S. Chemistry Manitoba	Total synthesis & structure-activity relationship of antitumor anthracyclines 3yr - 2nd Inst.	Individual	12,100	05
Wong, C.S. Mathematics Windsor	Operator theory and its applications to statistics 3yr - 2nd Inst.	Individual	5,086	16
Wong, J.C.S. Math/Statistics Calgary	Abstract harmonic analysis on semigroups 3yr - 1st Inst.	Individual	4,666	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wong, J.W.N. Computer Science Waterloo	Performance evaluation of computer networks 3yr - 1st Inst.	Individual	18,000	07
Wong, J.Y. Mech. & Aeronaut. Carleton	Ground transport technology research 3yr - 1st Inst.	Individual	23,000	13
Wong, K.M. Electrical Eng. McMaster	Digital signal processing applied to communication systems	Individual	19,580	11
Wong, R. Psychology British Columbia	Fluid regulation in desert rodents 3yr - 1st Inst.	Individual	9,100	12
Wong, R.S.C. Mathematics Manitoba	Error bounds for asymptotic approximations 3yr - 3rd Inst.	Individual	4,190	16
Wong, S.F.H. Mathématiques Ottawa	Rates of escape and upper-lower functions for Brownian motion in Banach spaces 3ans - 2ième vers.	Individuelle	2,016	16
Wong, S.K. Chemistry Western Ontario	Flash photolysis electron spin resonance and nuclear magnetic resonance spectroscopy 3yr - 1st Inst.	Individual	8,000	05
Wong, S.S.M. Physics Toronto	Application of the statistical spectroscopy approach to nuclear astrophysics and nuclear structure 3yr - 1st Inst.	Individual	26,130	15
Wonham, W.M. Electrical Eng. Toronto	Mathematical foundations of control 3yr - 1st Inst.	Individual	23,915	11
Woo, G.C.S. Optometry Waterloo	Application of contrast sensitivity function in various experiments 3yr - 1st Inst.	Individual	7,000	21
Woo, M.K. Geography McMaster	Snow and permafrost hydrology in a High Arctic environment 3yr - 1st Inst.	Individual	15,000	10
Woo, P.T.K. Zoology Guelph	Parasitic protozoans and the diseases they cause 3yr - 2nd Inst.	Individual	23,430	01
Wood, C.M. Biology McMaster	Gas exchange, acid-base regulation, and circulatory control in teleost fish and decapod crustaceans 3yr - 2nd Inst.	Individual	24,200	01

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wood, D. Computer Science McMaster	Formal languages and data structures 3yr - 1st Inst.	Individual	28,000	07
Wood, G.W. Chemistry Windsor	Mass spectrometry: applications to organic and biochemistry 3yr - 1st Inst.	Individual	20,500	05
Wood, J.M. Chemistry Guelph	The molecular mechanism and metabolic role of L-proline transport in Escherichia Coli K12 3yr - 1st Inst.	Individual	21,000	02
Wood, R.J. Mathematics Dalhousie	Abstract Proarrows II 3yr - 1st Inst.	Individual	1,944	16
Wood, R.K. Chemical Eng. Alberta	Dynamics and control of process systems 3yr - 1st Inst.	Individual	13,000	04
Woodham, R.J. Computer Science British Columbia	Computer interpretation of remotely sensed data	Individual	19,500	07
Woodhams, R.T. Chemical Eng. Toronto	Plastics engineering/reinforced plastics 3yr - 2nd Inst.	Individual	24,750	04
Woodrow, J.E.J. Mathematical Sci. British Columbia	Time dependent models of grain- forming atmospheres	Individual	4,000	17
Woodrow, R.E. Math/Statistics Calgary	Investigation of Martin's conjecture 3yr - 1st Inst.	Individual	3,499	16
Woods, D.R. Chemical Eng. McMaster	Surface phenomena as applied to the separation of particulate systems and to polymerization reactions 3yr - 2nd Inst.	Individual	16,115	04
Woods, D.V. Geological Sciences Queen's	1) Quantitative analysis of borehole transient electromagnetics. 2) One- dimensional geomagnetic depth sounding	Individual	11,000	10
Woods, E.J. Mathematics Queen's	Operator algebras and applications 3yr - 2nd Inst.	Individual	13,564	16
Woods, R.A. Biology Winnipeg	Studies on mutants affecting sterol synthesis in yeast 3yr - 3rd Inst.	Individual	27,779	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Woods, R.G. Mathematics Manitoba	1) Extension properties of topological spaces 2) Characterization of subspaces of Beta N 3yr - 1st Inst.	Individual	9,332	16
Woods, R.J. Chem & Chem Eng. Saskatchewan	* Principal investigator W.L.Waltz(Sask.)	Group		05
Woods, S.B. Physics Alberta	Metals at low temperatures 3yr - 1st Inst.	Individual	34,370	15
Woodside, B.C. Psychology Concordia	Reproductive strategies in rodents 3yr - 1st Inst.	Individual	11,000	12
Woodside, C.M. Sys Eng/Comp Sci. Carleton	Identification and control theory with applications to societal systems 3yr - 3rd Inst.	Individual	13,165	11
Woodward, W.D. Nutrition Guelph	Ultrastructure of the developing trout intestine and pyloric ceca 3yr - 2nd Inst.	Individual	8,800	02
Woolley, J.C. Physics Ottawa	Properties of adamantive compound and alloy semiconductors 3yr - 3rd Inst.	Individual	41,911	15
Worsley, K.J. Mathematics McGill	Analysis of binary data, automatic interaction detection, and cluster analysis 3yr - 2nd Inst.	Individual	1,725	14
Wortman, D.B. Computer Science Toronto	Software engineering methodology research	Individual	24,000	07
Wright, G.M. Zoology Toronto	The structure and function of the adenohypophysis of the lamprey 3yr - 1st Inst.		10,000	01
Wright, J.A. Physics Memorial	Geothermal and geomagnetic measurements in Atlantic Canada and the Eastern Arctic	Individual	11,000	10
Wright, J.A. Microbiology Manitoba	Mutants of somatic cells in culture 3yr - 1st Inst.	Individual	28,000	02
Wright, J.D. Chemical Eng. McMaster	Applied computer process control 3yr - 1st Inst.	Individual	17,400	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wright, J.S. Chemistry Carleton	Potential surfaces and reaction dynamics 3yr - 1st Inst.	Individual	16,000	05
Wright, K.A. Microbiol/Parasit. Toronto	Fine structure studies on parasitic nematodes 3yr - 3rd Inst.	Individual	16,613	01
Wright, P.M. Civil Engineering Toronto	Application of optimization methods to the automatic design of structures 3yr - 1st Inst.	Individual	6,000	06
Wroblewski, J.S. Oceanography Dalhousie	Physical-biological modeling of warm core gulf stream rings	Individual	15,000	18
Wu, C.S. Physics Victoria	* Principal investigator L.P. Robertson (Victoria) 3yr - 2nd Inst.	Group		27
Wu, J.H.T. Mechanical Eng. Concordia	Industrial applications of supersonic compressor cascades 2yr - 2nd Inst.	Individual	16,771	13
Wuest, J.D. Chemistry Montréal	Transfer of hydrogen	Individual	11,000	05
Wvong, M.D. Electrical Eng. British Columbia	On-line computer stability control of large power systems	Individual	5,500	11
Wyatt, G.R. Biology Queen's	Hormone-regulated protein synthesis in insects 3yr - 3rd Inst.	Individual	44,689	02
Wynnycky, J.R. Chemical Eng. Waterloo	Reactions of compacted particulate solids of interest in extractive metallurgy 3yr - 1st Inst.	Individual	13,400	04
Xistris, G.D. Mechanical Eng. Concordia	Reliability of mechanical systems through fatigue damage approach 3yr - 3rd Inst.	Individual	11,474	13
Yaffe, L. Chemistry McGill	Radiochemical studies 3yr - 2nd Inst.	Individual	26,400	05
Yalin, M.S. Civil Engineering Queen's	Sediment transport in open channels 3yr - 2nd Inst.	Individual	25,300	06
Yamamoto, T. Microbiology Alberta	Analysis of microbial agents associated with diseases of animals and fishes 3yr - 1st Inst.	Individual	13,000	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Yamashiro, S. Biomed Sciences Guelph	* Principal investigator W.H.Harris(Guelph) 3yr - 2nd Inst.	Group		01
Yamauchi, H. Eng Materials Windsor	Nonequilibrium engineering materials: analysis, behaviour, characterization and design 3yr - 1st Inst.	Individual	13,400	04
Yamazaki, H. Biology Carleton	Regulation of microbial metabolite production 3yr - 3rd Inst.	Individual	30,195	02
Yaphe, W. Micro/Immunology McGill	Microorganisms and enzymes associated with decomposition of agar and carrageenan 3yr - 2nd Inst.	Individual	23,100	02
Yates, K. Chemistry Toronto	Studies in physical organic chemistry 3yr - 3rd Inst.	Individual	49,278	05
Yates, P. Chemistry Toronto	Structural, synthetic and mechanistic organic chemistry 3yr - 2nd Inst.	Individual	46,200	05
Yau, M.K. Meteorology McGill	Numerical cloud modeling	Individual	11,000	17
Yeager, H.L. Chemistry Calgary	Structure and transport properties of ion exchange membranes	Individual	11,500	05
Yeats, R.B. Chemistry Bishop's	Synthetic approaches to maytansinoid synthons and to acyl azides and derived carbamates	Individual	11,000	05
Yelle, H.J.M. Génie mécanique Ecole Polytech.	* Chercheur principal R.Gauvin(Ecole Poly.) 3ans - 3ième vers.	Groupe		13
Yelon, A. Génie-physique Ecole Polytech.	Propriétés électriques des polymères et résonance ferromagnétique 3ans - 3ième vers.	Individuelle	34,277	15
Yemenidjian, N.B. Metallurgy Tech Univ N.S.	Growth of semiconducting single crystals for industrial applications 2yr - 1st Inst.	Individual	8,900	04
Yen, J.L. Electrical Eng. Toronto	Radio astronomy 3yr - 2nd Inst.	Individual	37,400	17

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Yeomans, J.S. Psychology Toronto	Mapping of brain regions activated by electrical stimulation using 14C-2-deoxy-D- glucose 3yr - 3rd Inst.	Individual	14,615	12
Yeung, E.C.T. Biology Calgary	Structural and biochemical aspects of angiosperm embryo development in vivo and in vitro 3yr - 3rd Inst.	Individual	19,325	03
Yip, G.L. Electrical Eng. McGill	Optical waveguides and optical communications 3yr - 2nd Inst.	Individual	35,530	11
Yip, P.C.Y. Mathematical Sci. McMaster	Use of integral transforms in digital processing of signals 3yr - 2nd Inst.	Individual	11,110	11
Yodzis, P.P. Zoology Guelph	Theoretical population ecology 3yr - 1st Inst.	Individual	13,000	18
Yole, R.W. Geology Carleton	Stratigraphy and displacement history of Vancouver Island	Individual	7,000	10
Yong, R. Civ Eng/App Mech McGill	Stability of soil structural units relative to transient and natural environmental stresses 3yr - 3rd Inst.	Individual	39,857	10
Yoo, B.Y. Biology New Brunswick	Biochemical and electron microscopic studies on the structure of biological membranes 1) Studies on capacitation 2) Studies on the structure and formation of the outer mitomembranes 3yr - 3rd Inst.	Individual	22,948	02
Yoon, M.G. Psychology Dalhousie	Synaptic reorganizations and mitogenic interactions of the visual pathways 3yr - 2nd Inst.	Individual	42,845	01
Yoon, T.S. Physics Toronto	Weak decay experiment development * with J.Hebert(Ottawa)	Project		23
York, D. Physics Toronto	Isotope studies and age determinations 3yr - 3rd Inst.	Individual	44,689	10
Youdelis, W.V. Eng Materials Windsor	Solidification: nucleation, grain growth and segregation mechanisms 3yr - 2nd Inst.	Individual	17,050	04

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Young, B.A. Animal Science Alberta	Bioenergetics and environmental physiology 3yr - 3rd Inst.	Individual	18,745	01
Young, C. Physics New Brunswick	Determination of molecular parameters required for the remote measurement of some atmospheric molecules 3yr - 1st Inst.	Individual	10,000	17
Young, G. Psychology York	Manual specialization in infancy: Links with hemispheric specialization 3yr - 1st Inst.	Individual	8,000	12
Young, G.M. Geology Western Ontario	Stratigraphy and sedimentology of Proterozoic supracrustal rocks	Individual	16,600	10
Young, J.C. Statistics Waterloo	Applied statistics 3yr - 3rd Inst.	Individual	2,340	14
Young, L. Electrical Eng. British Columbia	Electrical engineering materials and device research 3yr - 2nd Inst.	Individual	30,580	11
Young, L.G. Animal/Poultry Sc. Guelph	Factors affecting protein and energy utilization in swine	Individual	14,000	01
Young, P.G. Biology Queen's	Biogenesis of mitochondria in Tetrahymena 3yr - 3rd Inst.	Individual	21,740	02
Young, W.S.V. Mathematics Alberta	Weighted norm inequalities for classical operators 3yr - 1st Inst.	Individual	2,722	16
Yousaf, M. Mathematics Laurentian	Shock wave dynamics 3yr - 2nd Inst.	Individual	1,265	16
Youson, J.H. Zoology Toronto	Metamorphosis in lamprey 3yr - 3rd Inst.	Individual	24,597	01
Yovanovich, M.M. Mechanical Eng. Waterloo	1) Thermal contact resistance (theory and application of elastoconstriction resistance) 2) Effective transport properties of heterogeneous substances; and 3) Surface element methods applied to conduction problems 3yr - 2nd Inst.	Individual	28,600	13
Yu, Y.N. Electrical Eng. British Columbia	Optimal stabilization of large electric power systems 3yr - 1st Inst.	Individual	10,000	11

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Yuille, J.C. Psychology British Columbia	Imagery, attention, and memory 3yr - 1st Inst.	Individual	14,000	12
Yule, W.N. Entomology Macdonald Coll.	Ecotoxicity of soil pest control agents 3yr - 2nd Inst.	Individual	11,000	01
Yunik, M. Electrical Eng. Manitoba	Digital resonant frequency tracking system	Individual	8,000	11
Zachariah, K. Biology Waterloo	Physiology of nematode - destroying fungi 3yr - 2nd Inst.	Individual	5,500	03
Zacharko, R.M. Psychology Carleton	Stress and catecholamines 3yr - 2nd Inst.		13,000	12
Zacharuk, R.Y. Biology Regina	1) Functional ultrastructure of insect sense organs and their transduction mechanisms 2) Ultrastructural pathology of insects with bacterial infections 3yr - 2nd Inst.	Individual	17,600	02
Zador, M. Chimie Montréal	Cinétique et catalyse de réactions d'oxydation et de formation de complexes	Individuelle	5,000	05
Zagorski, M.A. Psychology Memorial	Multidimensional information processing 3yr - 2nd Inst.	Individual	3,300	12
Zahar, R.V. Infor. & rech opér. Montréal	Asymptotic analysis of boundary- value systems	Individuelle	9,500	07
Zaidi, H.R. Physics New Brunswick	Theory of spectral line shapes and application to modern optics 3yr - 3rd Inst.	Individual	7,609	15
Zaidman, S. Math/statistique Montréal	Equations différentielles abstraites et opérateurs pseudo- différentiels 3ans - 1er vers.	Individuelle	4,666	16
Zaky, S.G. Electrical Eng. Toronto	Small computer architecture and applications	Individual	1,500	11
Zalik, S. Plant Science Alberta	Studies on the development of chloroplast function 3yr - 3rd Inst.	Individual	38,650	02

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$ Committee
Nom Département Université	But de la subvention	Genre	Montant \$ Comité
Zalik, S.E. Zoology Alberta	Studies on the cell surface during differentiation, dedifferentiation and development 3yr - 2nd Inst.	Individual	26,950 02
Zamble, E. Psychology Queen's	Pavlovian conditioning of sexual arousal 3yr - 1st Inst.	Individual	9,100 12
Zames, G. Electrical Eng. McGill	Operator methods for large and nonlinear control systems	Individual	18,600 11
Zamir, M. Applied Math. Western Ontario	1) Fluid dynamic aspects of the cardiovascular and respiratory systems. 2) Boundary layer flow in corners and wing-body junctions 3yr - 3rd Inst.	Individual	16,909 02
Zang, I.I. Management Sciences British Columbia	Game theory applications for cost allocation in transportation problems	Individual	2,722 16
Zaremba, E. Physics Queen's	1) Inhomogeneous electronic systems 2) Positrons and muons in condensed matter	Individual	13,680 15
Zarnke, C.R. Computer Science Manitoba	Design and implementation of a consistency-checked operating system	Individual	4,500 07
Zawadzki, I.I. Physique Qué-Montréal	Structure of precipitation 3ans - 3ième vers.	Individuelle	12,535 17
Zentilli, M. Geology Dalhousie	Metallogenic studies in Nova Scotia, the Andes and Iceland 3yr - 1st Inst.	Individual	13,500 10
Zerner, M.C. Chemistry Guelph	Approximate electronic structure theories and applications to large molecular systems 3yr - 2nd Inst.	Individual	22,000 05
Zidek, J.V. Mathematics British Columbia	Variance estimators; optimal guessing rules; generalised utility functions; optimal monitoring systems 3yr - 3rd Inst.	Individual	17,634 14
Ziegler, T. Chemistry Calgary	Quantum mechanical calculations on transition metal systems of importance for catalysis, by the Hartree-Fock-Slater method 3yr - 1st Inst.		10,000 05

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Zielinski, A. Electrical Eng. Memorial	Underwater acoustic communication 3yr - 2nd Inst.	Individual	8,690	11
Zielinski, Z.A. Civil Engineering Concordia	Strength aspects of concrete panel-and-module structures 3yr - 3rd Inst.	Individual	10,870	06
Ziemba, W.T. Comm./Bus. Admin. British Columbia	Studies in stochastic programming 3yr - 2nd Inst.	Individual	18,920	07
Zikovsky, L. Inst de génie nucl. Ecole Polytech.	Incorporation du zirconium dans les verres radioactifs * with J.L.Galinier(Ecole Poly.) 3ans - 3ième vers.	Groupe	15,985	04
Zimmerman, A.M. Zoology Toronto	Cell cycle studies 3yr - 3rd Inst.	Individual	48,312	02
Zimmerman, A.P. Zoology Toronto	* Principal investigator J.E.Paloheimo(Toronto) 3yr - 3rd Inst.	Co-op		18
Zink, M.B. Biology Saskatchewan	Regulation of acid phosphatases and phosphate uptake in Ipomoea sp. 3yr - 3rd Inst.	Individual	12,078	02
Ziogas, P.D. Electrical Eng. Concordia	Analysis and optimum design of static UPS systems	Individual	4,400	11
Zissos, D. Computer Science Calgary	Distributed systems	Individual	1,500	11
Zlobec, S. Mathematics McGill	Mathematical programming: theory and applications 3yr - 3rd Inst.	Individual	9,588	16
Zodrow, E.L. Geology St. F. Xavier	1) Pyrite, trace elements and hydrated sulfates in coal. Cape Breton 2) Pecopterids: biostratigraphy of Sydney Coalfield, Nova Scotia, Canada	Individual	9,500	10
Zoerb, G.C. Agricuilt. Eng. Saskatchewan	Automation of agricultural equipment 3yr - 3rd Inst.	Individual	12,078	13
Zorzitto, F.A. Pure Mathematics Waterloo	Systems of linear transformations and related modules 3yr - 2nd Inst.	Individual	3,815	16

1.1 Operating Grants / Subventions pour dépenses courantes (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Committee
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Zouros, E. Biology Dalhousie	1) Evolutionary genetics of Drosophila 2) Population genetics of marine molluscs 3yr - 1st Inst.	Individual	26,000	18
Zsombor-Murray, P.J.A. Mechanical Eng. McGill	Application of programmable automata to the control of energy management and other dynamic systems * with L.J.Vroomen(McGill) 3yr - 2nd Inst.	Group	9,900	13
Zucker, S.W. Electrical Eng. McGill	Studies in computer vision 3yr - 1st Inst.	Individual	20,300	11
Zuckermann, M.J. Physics McGill	Theoretical studies of 1) amorphous metals and 2) phase transitions in lipid membranes 3yr - 2nd Inst.	Individual	30,305	15
Zukotynski, S. Electrical Eng. Toronto	Preparation and characterization of amorphous silicon 3yr - 1st Inst.	Individual	13,700	11
Zvengrowski, P. Math/Statistics Calgary	Homotopy theory and stiefel manifolds 3yr - 1st Inst.	Individual	2,000	16
Zwicker, F.C. Zoology Alberta	Population ecology of vertebrates 3yr - 1st Inst.	Individual	30,000	18

1.2. Strategic Grants / Subventions thématiques

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ackman, R.G. Fish. Res. & Tech. Tech Univ N.S.	* Principal investigator E.G.Bligh(N.S.T.C.) 3yr - 2nd Inst.	Group		39
Ackman, R.G. Fish. Res. & Tech. Tech Univ N.S.	The classification and measurement of non-volatile organic compounds in ocean waters by a quantitative thin- layer chromatographic technique * with P.J.Wangersky(Dalhousie) 3yr - 2nd Inst.	Group	44,727	37
Adoul, J.P. Génie électrique Sherbrooke	* Chercheur principal S.Morissette(Sherbrooke) 3ans - 2ième vers.	Groupe		38
Agarwal, V.K. Electrical Eng. McGill	* Principal investigator M.D.Levine(McGill)	Group		40
Ahlborn, B. Physics British Columbia	Rotary engine developments 3yr - 1st Inst.	Individual	35,000	35
Ahlborn, B. Physics British Columbia	* Principal investigator J.Meyer(B.C.)	Group		35
Akl, S.G. Comp. & Info. Sc. Queen's	* Principal investigator S.E.Tavares(Queen's) 3yr - 1st Inst.	Group		38
Akvel, C. Génie électrique Ecole Polytech.	* Chercheur principal R.G.Bosisio(Ecole Polytech.) 3ans - 1er vers.	Groupe		35
Alcock, C.B. Metal/Mat. Science Toronto	* Principal investigator G.C.Weatherly(Toronto)	Group		35
Alex, J.F. Environ. Biology Guelph	* Principal investigator J.E.Laing(Guelph) 3yr - 2nd Inst.	Group		39
Allard, M. Etudes nordiques Laval	* Chercheur principal S.Payette(Laval) 2ans - 1er vers.	Groupe		35
Allard, P.E. Electrical Eng. Concordia	* Principal investigator V.K.Bhargava(Concordia) 2yr - 1st Inst.	Group		38
Alper, H. Chemistry Ottawa	Desulfurization processes of potential application to fuels 3yr - 2nd Inst.	Individual	42,109	35

1.2 Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Al Taweel, A.M. Chemical Eng. Tech Univ N.S.	Coal beneficiation and preparation of coal/oil fuel mixtures * with H.A.Hancock, G.D.M.MacKay(N.S.T.C.) 3yr - 3rd Inst.	Group	55,035	35
Al Taweel, A.M. Chemical Eng. Tech Univ N.S.	* Principal investigator J.C.T.Kwak(Dalhousie) 3yr - 2nd Inst.	Group		35
Andersen, R.J. Oceanography British Columbia	Chemical and physiological studies of toxin and siderophore production by marine phytoplankton * with P.J.Harrison,F.J.R.Taylor, A.G.Lewis(B.C.) 3yr - 1st Inst.	Group	61,000	37
Anderson, G.H. Nutrition/Food Sci Toronto	* Principal investigator D.J.A.Jenkins(Toronto) 3yr - 1st Inst.	Group		39
Anderson, G.M. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Anderson, J.B. Botany Toronto	Strain improvement and control of mycovirus in the cultivated mushroom * with P.A.Horgen(Toronto) 3yr - 1st Inst.	Group	42,000	39
Armstrong, J.B. Biology Ottawa	An amphibian test system for environmental mutagens 2yr - 2nd Inst.	Individual	27,850	36
Arnold, D.R. Chemistry Dalhousie	A new class of organic photochromic materials potentially useful for processing and storing optical signals 3yr - 3rd Inst.	Individual	20,791	38
Arockiasamy, M. Engineering Memorial	* Principal investigator D.V.Reddy(Memorial) 3yr - 2nd Inst.	Group		37
Ashwood-Smith, M. Biology Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Aspinall, G.D. Chemistry York	Polysaccharide components of dietary fibre 3yr - 3rd Inst.	Individual	36,690	39
Aspinall, G.D. Chemistry York	Refrigerated centrifuge	Equipment	13,650	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Atherton, D.L. Physics Queen's	Magnetometers for pipeline inspection 3yr - 3rd Inst.	Individual	24,460	35
Austenson, H.M. Crop Science Saskatchewan	* Principal investigator D.M.Gray(Sask.) 3yr - 3rd Inst.	Group		39
Austin, G.L. Physics McGill	Design, development and test of an improved ice surveillance radar system for marine use 3yr - 1st Inst.	Individual	39,300	37
Bailey, R.C. Physics/Geology Toronto	* Principal investigator G.F.West(Toronto) 3yr - 2nd Inst.	Group		35
Baird, M.C. Chemistry Queen's	Uses of homogeneous catalysis for the formation of synthetic fuels * with J.D.McCowan(Queen's) 3yr - 3rd Inst.	Group	36,690	35
Bale, C.W. Metallurgical Eng. Ecole Polytech.	Canadian thermochemical interactive computation centre and data bank * with W.T.Thompson(McGill), A.D.Pelton(Ecole Polytech.) 3yr - 2nd Inst.	Group	83,550	35
Balmain, K.G. Electrical Eng. Toronto	Re-radiation of AM broadcast signals from power lines and buildings 3yr - 3rd Inst.	Individual	61,150	38
Bancroft, G.M. Chemistry Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Bandler, J.W. Elec. & Comp. Eng. McMaster	Optimal processing of energy in power networks 3yr - 2nd Inst.	Individual	44,560	35
Barradas, R.G. Chemistry Carleton	Fundamental studies towards improved understanding and efficiency of lead acid batteries 3yr - 3rd Inst.	Individual	34,122	35
Barrett, P.F. Chemistry Trent	* Principal investigator K.B.Oldham(Trent) 2yr - 2nd Inst.	Group		35
Bartels, R.H. Computer Science Waterloo	* Principal investigator K.S.Booth(Waterloo) 3yr - 1st Inst.	Group		38
Bassett, M.G. Electrical Eng. Toronto	* Principal investigator S.B.Dewan(Toronto) 3yr - 3rd Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bassim, M.N. Mechanical Eng. Manitoba	* Principal investigator T.R.Hsu(Manitoba) 3yr - 2nd Inst.	Group		35
Bauer, G.E.A. Civil Engineering Carleton	* Principal investigator A.P.S.Selvadurai(Carleton)	Group		35
Beales, F.W. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Beames, R.M. Animal Science British Columbia	High moisture barley for pigs and ruminants * with R.M.Tait, B.D.Owen(B.C.) 3yr - 3rd Inst.	Group	29,352	39
Beamish, F.W.H. Zoology Guelph	* Principal investigator K.Ronald(Guelph) 3yr - 3rd Inst.	Group		37
Beaton, G.H. Nutrition/Food Sci Toronto	Food determinants of iron bioavailability in the human 3yr - 3rd Inst.	Individual	24,460	39
Beatty, J.C. Computer Science Waterloo	* Principal investigator M.A.Malcolm(Waterloo) 3yr - 1st Inst.	Group		38
Beatty, J.C. Computer Science Waterloo	* Principal investigator K.S.Booth(Waterloo) 3yr - 1st Inst.	Group		38
Beaumont, C. Oceanography Dalhousie	Evolution of stretched and rifted sedimentary basins 3yr - 2nd Inst.	Individual	37,319	37
Beck, J.F. Chemistry St. F. Xavier	* Principal investigator J.C.Donini(St. F. Xavier) 3yr - 2nd Inst.	Group		36
Becker, H.A. Chemical Eng. Queen's	Fundamental studies and system development for combustion of solid and gaseous fuels 3yr - 1st Inst.	Individual	48,440	35
Behie, L.A. Chemical Eng. Calgary	* Principal investigator G.M.Gaucher(Calgary) 3yr - 2nd Inst.	Group		40
Belanger, P. Physique Laval	* Chercheur principal H.Pepin(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Belanger, P.R. Electrical Eng. McGill	* Principal investigator M.D.Levine(McGill)	Group		40

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Bell, J.M. Animal/Poultry Sc. Saskatchewan	* Principal investigator G.A.Jones(Sask.) 3yr - 1st Inst.	Group		36
Bell, J.M. Animal/Poultry Sc. Saskatchewan	* Principal investigator H.E.Schiefer(Sask.) 3yr - 2nd Inst.	Group		39
Bell, R.A. Chemistry McMaster	Studies on toxic intercalating agents * with T.Neilson(McMaster) 2yr - 2nd Inst.	Group	26,736	36
Bellonck, S. Ctre. Rech.-Virol. Québec-IAF	Contrôle biologique d'insectes phytophages économiquement importants 3ans - 3ième vers.	Individuelle	28,068	39
Bellonck, S. Ctre. Rech.-Virol. Québec-IAF	* Chercheur principal J.Lecomte(I.A.F.)	Groupe		40
Belzile, R.J. Zootechnie Laval	* Chercheur principal M.Boulet(Laval) 3ans - 3ième vers.	Groupe		39
Bertrand, H. Biology Regina	Natural and synthetic inhibitors of cell respiration 3yr - 3rd Inst.	Individual	24,460	36
Besant, R.W. Mechanical Eng. Saskatchewan	Monitoring, performance and cost effectiveness of energy conserving houses both new and retrofit * with G.J.Schoenau, G.H.Green(Sask.) 3yr - 3rd Inst.	Group	61,150	35
Betteridge, K.J. Médecine vét. Montréal	Etude de l'établissement de la gestation et des facteurs conduisant à la mortalité embryonnaire chez les bovins * avec P.Guay, A.V.Tremblay, A.K.Goff, N.Larivière(Montréal) 3ans - 1er vers.	Groupe	100,000	39
Beversdorf, W.D. Crop Science Guelph	* Principal investigator C.M.Switzer(Guelph) 3yr - 3rd Inst.	Group		39
Bewley, J.D. Biology Calgary	Predicting drought-stress tolerance 3yr - 1st Inst.	Individual	44,000	39
Bhargava, V.K. Electrical Eng. Concordia	Error control coding for the telidon-A Canadian videotex system and digital television * with P.E.Allard, G.E.Séguin(Concordia) 2yr - 1st Inst.	Group	36,300	38

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Biggs, D. Food Science Guelph	* Principal investigator F.R.Van de Voort(Guelph) 3yr - 1st Inst.	Group		39
Birkemoe, P.C. Civil Engineering Toronto	Structural design aspects of Canadian off-shore structures * with M.P.Collins,R.A.Collins, J.Schwaighofer,J.A.Packer, S.M.Uzumeri,G.T.Will, P.M.Wright(Toronto) 3yr - 2nd Inst.	Group	89,098	37
Bisalputra, T. Botany British Columbia	Effects of pollutants and pesticides on marine organisms * with L.A.F.Oliveira(B.C.) 2yr - 2nd Inst.	Group	31,192	37
Black, W.D. Biomed Sciences Guelph	Mathematical model of oxytetracycline residues in swine tissues * with R.D.Gentry(Guelph) 3yr - 3rd Inst.	Group	36,690	39
Blendis, L.M. Medicine Toronto	* Principal investigator D.J.A.Jenkins(Toronto) 3yr - 1st Inst.	Group		39
Bligh, E.G. Fish. Res. & Tech. Tech Univ N.S.	Improved utilization of the resources within Canada's 200- mile fisheries management zone * with R.G.Ackman,T.A.Gill, J.H.Merritt(N.S.T.C.) 3yr - 2nd Inst.	Group	100,260	39
Bochmann, G.V. Infor. & rech opér. Montréal	Coopération de bases de données répartis pour les applications Vidéotex (Interworking and distribution of data bases for Videotex applications) * avec J.Gecsei(Montréal) 3ans - 3ième vers.	Groupe	8,579	38
Boisvert, L.M. Génie électrique Laval	* Chercheur principal H.Netsch(Laval) 3ans - 1er vers.	Groupe		35
Bolton, J.R. Chemistry Western Ontario	Photochemical conversion and storage of solar energy * with A.C.Weedon(Western) 3yr - 2nd Inst.	Group	100,260	35
Bone, D.H. Chemical Eng. Queen's	Microbial fractionation of native biomass to lignin, cellulose and hemicellulose * with A.J.Daugulis(Queen's) 3yr - 1st Inst.	Group	38,000	35
Boocock, D.G.B. Chemical Eng. Toronto	* Principal investigator T.T.Tidwell(Toronto) 2yr - 2nd Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Booth, K.S. Computer Science Waterloo	2-D and 3-D interactive computer graphics modeling systems	Equipment	111,201	38
Booth, K.S. Computer Science Waterloo	* Principal investigator M.A.Malcolm(Waterloo) 3yr - 1st Inst.	Group		38
Booth, K.S. Computer Science Waterloo	2-D and 3-D interactive computer graphics modeling systems * with J.C.Beatty,R.H.Bartels(Waterloo) 3yr - 1st Inst.	Group	55,776	38
Booton, M. Mechanical Eng. Memorial	* Principal investigator D.V.Reddy(Memorial) 3yr - 2nd Inst.	Group		37
Borden, J.H. Biolog. Sciences Simon Fraser	Behavior modifying chemicals: alternative tools for pest management * with A.C.Dehtschlager(Simon Fraser) 3yr - 3rd Inst.	Group	36,690	39
Bose, T.K. Physique Qué.-Trois-Riv	* Chercheur principal R.G.Bosisio(Ecole Polytech.) 3ans - 1er vers.	Groupe		35
Bosi, G. Physique/math Moncton	* Chercheur principal T.Vo- Van(Moncton) 2ans - 2ième vers.	Groupe		35
Bosisio, R.G. Génie électrique Ecole Polytech.	Caractérisation et chauffage des mélanges par l'énergie hyperfréquence * avec C.Akyel(Ecole Polytech), T.K.Bose(Qué.-Trois Rivières) 3ans - 1er vers.	Groupe	45,000	35
Bouchard, C. Sci l'activité phys Laval	Les causes des variations dans l'adaptabilité des propriétés de la machine humaine sous l'influence de l'entraînement physique * avec F.Landry, P.P.Lagassé,M.R.Boulay, A.Tremblay,G.Thériault(Laval) 3ans - 1er vers.	Groupe	108,871	40
Boulay, M.R. Education physique Laval	* Chercheur principal C.Bouchard(Laval) 3ans - 1er vers.	Groupe		40
Boulet, M. Vivres Laval	Production de grains protéagineux pour diverses transformations industrielles * avec C.A.St-Pierre,G.Gendron, G.U.Pelletier,R.U.Belzile, J.C.Dillon(Laval) 3ans - 3ième vers.	Groupe	26,906	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Boulos, M.I. Génie chimique Sherbrooke	Production du silicium de haute pureté pour les piles photovoltaïques 3ans - 1er vers.	Individuelle	45,500	35
Bourget, E.R. Biologie Laval	Flux d'énergie dans les populations de moules bleues (<i>Mytilus edulis</i>) de l'estuaire du Saint-Laurent * avec A.Cardinal(Laval) 3ans - 3ième vers.	Groupe	28,129	37
Bowen, A.J. Oceanography Dalhousie	* Principal investigator P.E.Schenk(Dalhousie) 3yr - 2nd Inst.	Group		37
Bowen, A.J. Oceanography Dalhousie	* Principal investigator D.A.Huntley(Dalhousie) 3yr - 2nd Inst.	Group		37
Bowen, B.D. Engineering Memorial	* Principal investigator T.R.Chari(Memorial) 3yr - 3rd Inst.	Group		37
Bowmer, E.J. Food Science British Columbia	* Principal Investigator E.J. Skura(B.C.) 3yr - 2nd Inst.	Group		39
Boyd, C.M. Oceanography Dalhousie	Secondary production and zooplankton dynamics in the Gulf of Maine * with R.O.Fournier, J.S.Wroblewski(Dalhousie) 3yr - 2nd Inst.	Group	56,814	37
Boyes, B.G. Anatomy Western Ontario	* Principal investigator J.E.Cummins(Western Ontario) 2yr - 2nd Inst.	Group		36
Bragg, D.B. Poultry Science British Columbia	Metabolic fate of egg cholesterol and anti-atherogenic factor(s) in egg yolk 3yr - 2nd Inst.	Individual	33,420	39
Brand, U. Geological Sciences Brock	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Brannen, E. Physics Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Branton, G.R. Chemistry Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Brassard, C.U.J. Physique Montréal	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Brebner, J.L. Physique Montréal	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Bridges, E. Electrical Eng. Manitoba	* Principal investigator L.Shafai(Manitoba) 3yr - 2nd Inst.	Group		38
Bridges, E. Electrical Eng. Manitoba	* Principal investigator L.Shafai(Manitoba) 3yr - 3rd Inst.	Group		38
Brien, J.F. Pharmacology Queen's	* Principal investigator G.S.Marks(Queen's) 2yr - 2nd Inst.	Group		36
Brimacombe, J.K. Metallurgical Eng. British Columbia	* Principal investigator E.Peters(E.C.) 3yr - 2nd Inst.	Group		35
Brimacombe, J.K. Metallurgical Eng. British Columbia	The firing of rotary kilns with pulverized coal or oil * with A.P.Watkinson(E.C.) 2yr - 1st Inst.	Group	47,300	35
Brisson, G.J. Zootechnie Laval	Mise au point de nouveaux aliments de haute valeur nutritive à partir de protéines végétales * avec F.C.E.Castaigne, J.C.Dillon,L.Savoie(Laval) 3ans - 3ième vers.	Groupe	48,920	39
Brisson, G.J. Zootechnie Laval	* Chercheur principal L.Savoie(Laval) 3ans - 2ième vers.	Groupe		39
Bristol, F.M. Vet. Medicine Saskatchewan	* Principal investigator B.D.Murphy(Sask.) 3yr - 1st Inst.	Group		39
Brodie, D.E. Physics Waterloo	Laser scanner for semiconductor and solar cell measurements	Equipment	30,865	35
Brodie, D.E. Physics Waterloo	Preparation, structure and electronic properties of semiconducting films for photovoltaic applications * with A.E.Dixon,J.D.Leslie(Waterloo) 3yr - 1st Inst.	Group	38,120	35
Brooker, M.H. Chemistry Memorial	Spectroscopic studies battery electrodes and electrolytes 3yr - 1st Inst.	Individual	21,540	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Brooks, C. Geology Montréal	Enhancing the search for deeply-buried mineral deposits in ancient greenstone belts by means of geophysically constrained geotectonic models * with D.J.Crossley, W.M.Telford(McGill), R.Duburger(Qué.-Chicoutimi), E.J.Schwarz(Ecole Polytech.) 2yr - 1st Inst.	Group	75,060	40
Brown, D.M. Land Resource Sc Guelph	* Principal investigator M.H.Miller(Guelph) 3yr - 3rd Inst.	Group		39
Brown, J.D. Fac. of Eng. Sci. Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Bruton, L.T. Electrical Eng. Calgary	Analog and digital signal processing * with J.W.Haslett, S.T.Nichols,R.A.Stein, R.B.Streets,L.E.Turner(Calgary) 3yr - 2nd Inst.	Group	55,700	38
Buchanan-Smith, J.G. Animal/Poultry Sc. Guelph	Analyses of alfalfa silage with specific reference to protein degradation for prediction of nutritive value * with E.D.McKersie(Guelph) 3yr - 3rd Inst.	Group	24,460	39
Buchanan-Smith, J.G. Animal/Poultry Sc. Guelph	* Principal investigator J.C.Jofriet(Guelph) 3yr - 2nd Inst.	Group		39
Buckley, J.T. Biochem./Microbiol. Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Bulley, N.R. Bio-Res. Eng. British Columbia	* Principal investigator K.V.Lo(B.C.) 3yr - 3rd Inst.	Group		39
Buncel, E. Chemistry Queen's	Studies on toxicity mechanisms of heavy metal organic derivatives and the design of protective agents * with A.R.Norris,W.U.Racz(Queen's) 3yr - 3rd Inst.	Group	40,359	36
Burkowski, F.J. Computer Science Manitoba	A text retrieval system for videotext services 3yr - 2nd Inst.	Individual	17,713	38
Burling, R.W. Oceanography British Columbia	Nature and dynamics of dispersal and deposition of particulates by turbidity currents	Individual	8,000	37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Busch, L.V. Environ. Biology Guelph	* Principal investigator R.B.Hunter(Guelph) 3yr - 1st Inst.	Group		39
Bushuk, W. Plant Science Manitoba	Improvement of crop productivity in short season-cool temperature regions * with K.W.Clark, L.E.Evans,R.Z.Hawirko,R.D.Hill, E.N.Larter,E.H.Stobbe(Manitoba) 3yr - 3rd Inst.	Group	158,990	39
Caille, G. Pharmacologie Montréal	* Principal investigator G.L.Plaa(Montréal) 3ans - 3ième vers.	Groupe		36
Caille, G. Pharmacologie Montréal	* Chercheur principal G.L.Plaa(Montréal) 3ans - 1er vers.	Groupe		36
Calvert, R. Anatomie Sherbrooke	* Chercheur principal F.M.Kimmerle(Sherbrooke)	Groupe		36
Calvert, S.E. Oceanography British Columbia	X-ray emission spectrometer (2nd instalment of equipment award)	Equipment	100,000	37
Calvert, S.E. Oceanography British Columbia	Geochemistry of oceanic ferromanganese nodules * with D.J.Huntley(Simon Fraser) 3yr - 1st Inst.	Group	48,820	37
Campbell, C.K. Elec. & Comp. Eng. McMaster	Design of surface acoustic wave (SAW) oscillators for communications applications 2yr - 1st Inst.	Individual	33,250	38
Campbell, C.K. Elec. & Comp. Eng. McMaster	Equipment for automating a precision network analyzer	Equipment	36,880	38
Campbell, L.L. Math/Statistics Queen's	* Principal investigator S.E.Tavares(Queen's) 3yr - 1st Inst.	Group		38
Capjack, C.E. Electrical Eng. Alberta	Computer simulation codes for laser inertial confinement fusion experiments 3yr - 1st Inst.	Individual	31,200	35
Capjack, C.E. Electrical Eng. Alberta	* Principal investigator H.J.J.Seguin(Alberta) 3yr - 2nd Inst.	Group		40
Carbotte, J.P. Physics McMaster	Investigation and synthesis of A- 15 compounds 3yr - 3rd Inst.	Individual	34,244	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Card, H.C. Electrical Eng. Manitoba	Schottky barrier and MIS solar cells 3yr - 2nd Inst.	Individual	62,607	35
Cardinal, A. Biologie Laval	* Chercheur principal E.R.Bourget(Laval) 3ans - 3ième vers.	Groupe		37
Carolan, J.F. Physics British Columbia	* Principal investigator T.Chivers(Calgary) 3yr - 3rd Inst.	Group		35
Carter, C.R. Elec. & Comp. Eng. McMaster	New techniques for search and rescue satellites 3yr - 2nd Inst.	Individual	39,157	38
Carty, A.J. Chemistry Waterloo	Methylation of lead and tin in the environment: Conversion of "Inorganic" lead (II) and tin salts to alkyllead (IV) and tin (IV) by microorganisms and active sediments * with Y.K.Chau, P.T.S.Wong(Canada Centre for Inland Waters) 3yr - 1st Inst.	Group	24,950	36
Castaigne, F.C.E. Vivres Laval	* Chercheur principal G.J.Brisson(Laval) 3ans - 3ième vers.	Groupe		39
Castle, G.S.P. Electrical Eng. Western Ontario	* Principal investigator I.I.Inculet(Western Ontario) 2yr - 1st Inst.	Group		39
Cavers, P.B. Plant Science Western Ontario	Basic ecology of wild proso millet (Panicum miliaceum L.) 3yr - 2nd Inst.	Individual	30,407	39
Cayrol, B.L.P. Génie chimique Sherbrooke	* Chercheur principal C.Roy(Sherbrooke) 3ans - 1er vers.	Groupe		35
Champness, C.H. Electrical Eng. McGill	Study and development of solar cell structures containing Se, Te or Si 3yr - 3rd Inst.	Individual	36,690	35
Chan, C.H. Electronics Carleton	* Principal investigator M.A.Copeland(Carleton) 3yr - 2nd Inst.	Group		38
Chandrashekar, M. Systems Design Waterloo	* Principal investigator K.G.T.Hollands(Waterloo) 3yr - 1st Inst.	Group		35
Chapco, W. Biology Regina	A genetical approach to the suppression of populations of <i>Melanoplus sanguinipes</i> 3yr - 3rd Inst.	Individual	13,062	39

1 2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Chapman, A.R.D. Biology Dalhousie	The ecology of harvested brown algae in Nova Scotia * with K.H.Mann(Dalhousie) 3yr - 3rd Inst.	Group	36,690	37
Chari, T.R. Fac of Engineering Memorial	A comprehensive study of iceberg drift, scouring and decay * with E.D.Bowen,R.T.Dempster(Memorial) 3yr - 3rd Inst.	Group	73,380	37
Chen, T.T. Biology McMaster	Development of a rapid, sensitive and quantitative biochemical indicator for the assessment of early pathobiochemical effects on reproduction caused by halogenated hydrocarbons in rainbow trout 2yr - 2nd Inst.	Individual	25,678	36
Cheng, K.C. Mechanical Eng. Alberta	Refrigerant charged phase change systems for low grade waste heat recovery in cold region 3yr - 1st Inst.	Individual	30,000	35
Cherian, M.G. Pathology Western Ontario	* Principal investigator M.J.Stillman(Western Ontario) 3yr - 2nd Inst.	Group		36
Cherry, J.A. Earth Sciences Waterloo	* Principal investigator E.D.Frind(Waterloo) 3yr - 2nd Inst.	Group		35
Cherry, J.A. Earth Sciences Waterloo	Modeling of subsurface migration of leachate from uranium mill tailings * with R.W.Gillham(Waterloo) 3yr - 1st Inst.	Group	36,900	35
Chiba, M. Chemistry Brock	Factors affecting benomyl degradation 3yr - 1st Inst.	Individual	17,000	39
Childs, R.F. Chemistry McMaster	Solar energy storage by a photochemical latent heat approach 3yr - 1st Inst.	Individual	37,000	35
Chin, F. Computer Science Alberta	* Principal investigator W.A.Davis(Alberta)	Group		38
Chivers, T. Chemistry Calgary	Sulphur-nitrogen compounds with useful electrical conducting properties * with J.F.Carolan(B.C.) 3yr - 3rd Inst.	Group	36,690	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cho, C.W. Physics Memorial	Lidar measurements of coastal fogs using tunable lasers * with N.D.Foltz, J.K.C. Lewis (Memorial) 3yr - 3rd Inst.	Group	48,920	37
Chornet, E. Génie chimique Sherbrooke	La valorisation des combustibles non-conventionnels par hydrogénolyse - hydrogénation: approches directes et fractionnées utilisant court temps de contact 3ans - 2ième vers.	Individuelle	60,363	35
Chornet, E. Génie chimique Sherbrooke	* Chercheur principal C.Roy (Sherbrooke) 3ans - 1er vers.	Groupe		35
Chrostowski, J. Physics Laval	* Principal investigator R.Trembley (Laval) 3yr - 2nd Inst.	Group		38
Chu, V.H. Civil Engineering McGill	* Principal investigator R.G.Ingram (McGill) 3yr - 1st Inst.	Group		37
Clark, K.W. Plant Science Manitoba	* Principal investigator W.Bushuk (Manitoba) 3yr - 3rd Inst.	Group		39
Clements, R.M. Physics Victoria	* Principal investigator P.R.Smy (Alberta) 2yr - 1st Inst.	Group		35
Clowes, R.M. Geophys./Astron. British Columbia	Studies of oceanic sediments and upper crust using telemetered sonobuoys and ocean bottom seismometers 3yr - 1st Inst.	Individual	31,180	37
Clowes, R.M. Geophys./Astron. British Columbia	2000 Cubic inch airgun seismic source system	Equipment	107,257	37
Cochrane, R.W. Physique Montréal	* Chercheur principal M.R.Wertheimer (Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Code, R.F. Physics Toronto	* Principal investigator B.P.Stoicheff (Toronto) 3yr - 2nd Inst.	Group		40
Coffin, H.G. Agricultural Econ. Macdonald Coll.	* Principal investigator A.F.MacKenzie (Macdonald Coll.) 3yr - 3rd Inst.	Group		39
Colbo, M.H. Unit on Vect. Path Memorial	* Principal investigator M.Laird (Memorial) 3yr - 3rd Inst.	Group		39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Colborne, W.G. Mechanical Eng. Windsor	Computer simulation and retrofit strategy for existing houses * with N.W.Wilson, T.W.McDonald, W.T.Kierkus(Windsor) 2yr - 1st Inst.	Group	34,200	35
Collins, M.P. Civil Engineering Toronto	* Principal investigator P.C.Birkemoe(Toronto) 3yr - 2nd Inst.	Group		37
Collins, N.C. Zoology Toronto	* Principal investigator P.M.Stokes(Toronto) 3yr - 1st Inst.	Group		36
Collins, R.A. Civil Engineering Toronto	* Principal investigator P.C.Birkemoe(Toronto) 3yr - 2nd Inst.	Group		37
Conrath, D.W. Management Sciences Waterloo	Eight station electronic office network laboratory using PDP-11/23 & micro	Equipment	16,500	38
Conrath, D.W. Management Sciences Waterloo	Continuation of centre for the evaluation of communications/information technologies * with F.R.Safayeni, B.L.Wills(Waterloo)	Group	46,333	38
Conway, B.E. Chemistry Ottawa	Electrochemical energy storage systems (H2/Br2 and Zn/Br2) 3yr - 2nd Inst.	Individual	38,990	35
Copeland, M.A. Electronics Carleton	Integrated circuits for telecommunication using a combined analog/digital technology * with R.E.Thomas, C.H.Chan(Carleton) 3yr - 2nd Inst.	Group	149,871	38
Copeman, R.J. Plant Science British Columbia	* Principal investigator G.W.Eaton(B.C.) 3yr - 3rd Inst.	Group		39
Cormack, D.E. Chemical Eng. Toronto	Numerical simulation of hydraulic fractures for hydrocarbon recovery 3yr - 2nd Inst.	Individual	23,920	35
Costerton, J.W. Biology Calgary	Strategy to control microbial problems in water flood oil recovery operations * with N.C.Wardlaw(Calgary) 3yr - 1st Inst.	Group	71,000	35
Cote, M.G. Pharmacologie Montréal	* Principal investigator G.L.Plaa(Montréal) 3ans - 3ième vers.	Groupe		36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Cote, M.G. Pharmacologie Montréal	* Chercheur principal G.L.Plaa(Montréal) 3ans - 1er vers.	Groupe		36
Cross, M.L. Economics Dalhousie	* Principal investigator L.E.Haley(Dalhousie) 3yr - 3rd Inst.	Group		39
Crossley, D.J. Mining/Metal. Eng. McGill	* Principal investigator C.Brooks(Montréal) 2yr - 1st Inst.	Group		40
Csizmadia, I.G. Chemistry Toronto	* Principal investigator M.J.Dignam(Toronto)	Group		35
Cullen, W.R. Chemistry British Columbia	Microbial transformations of metals, metalloids and their compounds * with B.C.McBride(B.C.) 3yr - 3rd Inst.	Group	24,460	36
Cummins, J.E. Plant Science Western Ontario	Are powerful methylating agents genotoxic * with J.F.King, J.V.Frei,E.G.Boyes(Western Ontario) 2yr - 2nd Inst.	Group	40,104	36
Cunningham, J.D. Environ. Biology Guelph	* Principal investigator R.E.Subden(Guelph) 3yr - 2nd Inst.	Group		39
Currie, J.E. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Currie, J.F. Génie physique Ecole Polytech.	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Dale, J.D. Mechanical Eng. Alberta	* Principal investigator P.R.Smy(Alberta) 2yr - 1st Inst.	Group		35
Dalle, D. Génie électrique Sherbrooke	* Chercheur principal S.Morissette(Sherbrooke) 3ans - 2ième vers.	Groupe		38
Daoust, H. Chimie Montréal	Solubilisation et caractérisation des protéines du blé 3ans - 3ième vers.	Individuelle	24,460	39
Daugulis, A.J. Chemical Eng. Queen's	* Principal investigator D.H.Bone(Queen's) 3yr - 1st Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Davey, K.G. Biology York	Insecticide action on neurohormones * with B.G.Loughton, C.G.H.Steel, J.S.Tait(York) 3yr - 2nd Inst.	Group	55,700	36
Davis, W.A. Computer Science Alberta	Display and communications for interactive access to distributed 2D data bases	Equipment	55,000	38
Davis, W.A. Computer Science Alberta	Display and communications for interactive access to distributed 2D data bases * with J.Tartar, P.A.Goud, R.W.Heuft, F.Y.Chin(Alberta)	Group	48,000	38
Dawson, G.E. Electrical Eng. Queen's	Energy efficient drives for transit systems * with A.R.Eastham, V.I.John, P.C.Sen(Queen's) 3yr - 1st Inst.	Group	36,630	35
Daynard, T.B. Crop Science Guelph	* Principal investigator J.C.Jofriet(Guelph) 3yr - 2nd Inst.	Group		39
Daynard, T.B. Crop Science Guelph	* Principal investigator K.M.King(Guelph) 3yr - 3rd Inst.	Group		39
Dean, P.A.W. Chemistry Western Ontario	* Principal investigator M.J.Stillman(Western Ontario) 3yr - 2nd Inst.	Group		36
Decoste, R. INRS - Energie Québec-INRS	* Chercheur principal H.Pepin(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
De Jong, E. Soil Science Saskatchewan	The management of nitrogen and water in innovative farming systems * with E.A.Paul(Sask.) 3yr - 3rd Inst.	Group	122,300	39
De Lasa, H.I. Chemical Eng. Western Ontario	Advanced fluidized bed catalytic cracking technology 3yr - 1st Inst.	Individual	43,262	35
Delfour, M.C. Mathématiques appl. Montréal	Diffuseurs thermiques de poids minimum pour les composants état solide de haute puissance des satellites de communication * avec M.J.Payre(Sherbrooke) 3ans - 1er vers.	Groupe	20,945	38
DeMan, J.M. Food Science Guelph	Processing of rapeseed oil 3yr - 3rd Inst.	Individual	42,805	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
DeMan, J.M. Food Science Guelph	Thermal analyzer	Equipment	28,530	39
Dempster, R.T. Engineering Memorial	* Principal investigator T.R.Chari(Memorial) 3yr - 3rd Inst.	Group		37
Desnoyers, J.E. Chimie Sherbrooke	Utilisation des microémulsions pour l'extraction et la dispersion des huiles * avec J.K.Saunders(Sherbrooke) 3ans - 1er vers.	Groupe	68,735	35
Destry, J. Physique Montréal	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
De Vries, J. Soil Science British Columbia	Soil structure degradation in the lowlands of the lower Fraser Valley of British Columbia 3yr - 3rd Inst.	Individual	10,885	39
Dewan, S.B. Electrical Eng. Toronto	Efficient power conditioning system (PCS) for photovoltaic arrays 3yr - 1st Inst.	Individual	48,500	35
Dewan, S.B. Electrical Eng. Toronto	Energy efficient ballasts for fluorescent and high intensity discharge lamps * with M.G.Bassett,J.D.Lavers(Toronto) 3yr - 3rd Inst.	Group	48,920	35
Dhatt, G. Génie civil Laval	* Chercheur principal B.Michel(Laval) 3ans - 2ième vers.	Groupe		37
Dhillon, B.S. Mechanical Eng. Ottawa	Reliability and safety evaluation techniques for nuclear and conventional energy production systems 3yr - 2nd Inst.	Individual	18,938	35
Dickinson, W.T. Engineering Guelph	* Principal investigator K.M.King(Guelph) 3yr - 3rd Inst.	Group		39
Dignam, M.J. Chemistry Toronto	Hybrid photovoltaic, photochemical cell for solar energy storage 3yr - 1st Inst.	Individual	37,500	35
Dignam, M.J. Chemistry Toronto	Synthesis and evaluation of novel metal catalysts*with I.G.Csizmadia,R.H.Morris, M.Moskovits,D.H.Napier,G.A.Ozin, J.Powell(Toronto)	Group	165,000	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dignam, M.J. Chemistry Toronto	* Principal investigator R.D.Venter(Toronto) 3yr - 1st Inst.	Group		35
Dillon, J.C. Médecine Laval	* Chercheur principal M.Boulet(Laval) 3ans - 3ième vers.	Groupe		39
Dillon, J.C. Médecine Laval	* Chercheur principal G.J.Brisson(Laval) 3ans - 3ième vers.	Groupe		39
Dillon, R.F. Psychology Carleton	Human engineering of computer communications * with J.Tombaugh(Carleton) 3yr - 3rd Inst.	Group	45,422	38
Dionne, J.C. Etudes nordiques Laval	* Chercheur principal S.Payette(Laval) 2ans - 1er vers.	Groupe		35
Diosady, L.L. Chemical Eng. Toronto	* Principal investigator L.J.Rubin(Toronto) 3yr - 1st Inst.	Group		39
Dixon, A.E. Physics Waterloo	* Principal investigator D.E.Brodie(Waterloo) 3yr - 1st Inst.	Group		35
Dodelet, J.P. INRS - Energie Québec-INRS	Etude de cellules photovoltaïques utilisant comme photoconducteur une phthalocyanine métallique à chaîne grasse 3ans - 3ième vers.	Individuelle	36,690	35
Dokainish, M.A. Mechanical Eng. McMaster	* Principal investigator J.Tlusty(McMaster) 2yr - 2nd Inst.	Group		40
Donini, J.C. Chemistry St. F. Xavier	The molecular basis for the toxicity of hydrogen sulfide * with J.F.Beck(St. F. Xavier) 3yr - 2nd Inst.	Group	27,850	36
Donnay, G. Geological Sciences McGill	* Principal investigator D.Walsh(McGill) 3yr - 1st Inst.	Group		35
Dore, R. Génie mécanique Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 1er vers.	Groupe		40
Dorlot, J.M. Génie métall. Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 1er vers.	Groupe		40
Dostal, J. Geology Saint Mary's	* Principal investigator J.M.Hall(Dalhousie) 2yr - 1st Inst.	Group		37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Dove, J.E. Chemistry Toronto	Kinetic models for the combustion of methanol fuel 3yr - 2nd Inst.	Individual	34,228	35
Downer, R.G.H. Biology Waterloo	Effect(s) of various insecticides on monophenolamine levels in target and non-target organisms 2yr - 2nd Inst.	Individual	25,622	36
Doyle, R.W. Biology Dalhousie	* Principal investigator L.E.Haley(Dalhousie) 3yr - 3rd Inst.	Group		39
Drouin, G. Mécanique Ecole Polytech.	Lecteur de coordonnées en 3 dimensions	Appareillage	24,121	40
Drouin, G. Génie mécanique Ecole Polytech.	Elaboration d'un modèle biomécanique du genou, * avec R.Doré, J.M.Dorlot, G.McIntyre, P.S.Thiry(Ecole Polytech.), G.R.Tremblay, C.A.Laurin(Montréal) 3ans - 1er vers.	Groupe	101,000	40
Dubergier, R. Sciences de la terre Qué-Chicoutimi	* Chercheur principal C.Brooks(Montréal) 2ans - 1er vers.	Groupe		40
Dubois, E. INRS-Télécomm. Québec-INRS	High-definition video simulation facility	Equipment	28,000	38
Dubois, E. INRS-Télécomm. Québec-INRS	High-definition television * with B.Prasada(INRS-Quebec) 3yr - 1st Inst.	Group	62,000	38
Du Souich, P. Pharmacologie Montréal	* Chercheur principal G.L.Plaa(Montréal) 3ans - 1er vers.	Groupe		36
Duval, F. Génie électrique Sherbrooke	* Chercheur principal S.Morissette(Sherbrooke) 3ans - 2ième vers.	Groupe		38
Eastham, A.R. Electrical Eng. Queen's	* Principal investigator G.E.Dawson(Queen's) 3yr - 1st Inst.	Group		35
Eaton, D.R. Chemistry McMaster	Thermal energy storage using cobalt/oxygen complexes * with B.Latto(McMaster) 3yr - 1st Inst.	Group	29,950	35
Eaton, G.W. Plant Science British Columbia	Yield component analysis in horticulture * with R.J.Copeman, P.A.Jolliffe, V.C.Runeckles(B.C.) 3yr - 3rd Inst.	Group	36,690	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Edgington, L.V. Environ. Biology Guelph	* Principal investigator B.H.MacNeill(Guelph) 3yr - 3rd Inst.	Group		39
Edgington, L.V. Environ. Biology Guelph	* Principal investigator K.R.Solomon(Guelph) 3yr - 1st Inst.	Group		36
Edwards, R.N. Physics Toronto	* Principal investigator G.F.West(Toronto) 3yr - 2nd Inst.	Group		35
Einstein, F.W.B. Chemistry Simon Fraser	* Principal investigator D.Sutton(Simon Fraser) 3yr - 3rd Inst.	Group		35
Eisenberg, A.E. Chemistry McGill	* Principal investigator D.D.Patterson(McGill) 3yr - 2nd Inst.	Group		40
El-Hawary, M.E. Electrical Eng. Tech Univ N.S.	Modeling and optimization for electric energy systems operations 3yr - 1st Inst.	Individual	32,000	35
Ellis, E.E. Chemistry Guelph	* Principal investigator K.J.Kasha(Guelph) 3yr - 3rd Inst.	Group		39
Ellis, C.R. Environ. Biology Guelph	* Principal investigator J.E.Laing(Guelph) 3yr - 2nd Inst.	Group		39
ElMaraghy, H.A. Mechanical Eng. McMaster	* Principal investigator J.Trusty(McMaster) 2yr - 2nd Inst.	Group		40
Emery, W.J. Oceanography British Columbia	Satellite remote sensing of ocean circulation inferred from ice movements and sea surface temperature patterns * with P.H.LeBlond,L.A.Mysak(E.C.) 3yr - 1st Inst.	Group	55,000	37
Emery, W.J. Oceanography British Columbia	* Principal investigator G.S.Pond(E.C.) 3yr - 3rd Inst.	Group		37
Epstein, N. Chemical Eng. British Columbia	Spouted bed combustion * with J.R.Grace,A.P.Watkinson(E.C.) 3yr - 2nd Inst.	Group	59,911	35
Evans, L.E. Plant Science Manitoba	* Principal investigator W.Bushuk(Manitoba) 3yr - 3rd Inst.	Group		39
Fawcett, W.R. Chemistry Guelph	Solar energy conversion based on electrodeposited semiconductor films 3yr - 2nd Inst.	Individual	44,560	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Feher, K. Electrical Eng. Ottawa	Development of power and spectral efficient digital transmission systems 2yr - 1st Inst.	Individual	87,000	38
Feltham, L.A.W. Biochemistry Memorial	* Principal investigator N.F.Haard(Memorial) 3yr - 3rd Inst.	Group		39
Fenwick, J.C. Biology Ottawa	* Principal investigator T.W.Moon(Ottawa) 3yr - 2nd Inst.	Group		39
Field, J.A. Electrical Eng. Waterloo	* Principal investigator J.W.Mark(Waterloo) 3yr - 3rd Inst.	Group		38
Findlay, J.A. Chemistry New Brunswick	A study in marine natural products * with E.W.K.Jay, C.S.Lobban, A.R.A.Taylor, M.L.H.Thomas, Z.Valenta, N.J.Whitney, K.Wiesner(N.B.) 3yr - 1st Inst.	Group	80,000	37
Finney, J.R. Unit on Vect. Path Memorial	* Principal investigator M.Laird(Memorial) 3yr - 3rd Inst.	Group		39
Fletcher, G.L. Mar. Sc. Res. Lab Memorial	Annual cycles of growth in marine fish 3yr - 2nd Inst.	Individual	32,306	37
Flood, P.F. Vet. Medicine Saskatchewan	* Principal investigator B.D.Murphy(Sask.) 3yr - 1st Inst.	Group		39
Foltz, N.D. Physics Memorial	* Principal investigator C.W.Choi(Memorial) 3yr - 3rd Inst.	Group		37
Forsyth, P.A. Physics Western Ontario	Propagation factors in communication systems * with J.A.Fulford, G.F.Lyon, J.W.MacDougall(Western) 3yr - 3rd Inst.	Group	119,609	38
Fortin, E. Physics Ottawa	Thin film copper oxide solar cells 3yr - 3rd Inst.	Individual	33,021	35
Fournier, R.O. Oceanography Dalhousie	* Principal investigator C.M.Boyd(Dalhousie) 3yr - 2nd Inst.	Group		37
Fowler, A.G. Computer Centre British Columbia	A distributed computer-based message system and a file transfer facility * with P.Gilmore, J.Peck(UBC)	Group	70,000	38

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Frank, R. Nutrition Guelph	* Principal investigator D.E.Gaskin(Guelph) 3yr - 3rd Inst.	Group		36
Fredlund, D.G. Civil Engineering Saskatchewan	Engineering behavior of expansive soils 3yr - 1st Inst.	Individual	40,000	40
Freeman, H.J. Medicine British Columbia	* Principal investigator W.D.Powrie(B.C.) 3yr - 3rd Inst.	Group		36
Frei, J.V. Pathology Western Ontario	* Principal investigator J.E.Cummins(Western Ontario) 2yr - 2nd Inst.	Group		36
Friesen, J.D. Medical Genetics Toronto	* Principal investigator R.E.Pearlman(York) 3yr - 2nd Inst.	Group		40
Frind, E.O. Earth Sciences Waterloo	Thermal energy storage in shallow unconfined aquifers * with J.A.Cherry(Waterloo) 3yr - 2nd Inst.	Group	33,420	35
Fritz, P. Earth Sciences Waterloo	* Principal investigator J.Veizer(Ottawa) 3yr - 1st Inst.	Group		37
Fryer, E.J. Geology Memorial	U-Pb and Sm-Nd isotope systematics and rare earth element lithogeochemistry of northern Saskatchewan uranium deposits: Their potential use in mineral exploration * with R.P.Taylor(R.P.Taylor & Co. Ltd.) 2yr - 1st Inst.	Group	45,000	40
Fulford, J.A. Physics Western Ontario	* Principal investigator P.A.Forsyth(Western) 3yr - 3rd Inst.	Group		38
Fyfe, C.A. Chemistry Guelph	* Principal investigator R.E.Subden(Guelph) 3yr - 2nd Inst.	Group		39
Fyfe, C.A. Chemistry Guelph	Preparation and characterization of electron conducting polymers for energy conversion and storage * with P.M.Henry(Guelph)	Group	40,000	35
Galarneau, S. Génie physique Ecole Polytech.	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Garland, G.D. Physics Toronto	* Principal investigator G.F.West(Toronto) 3yr - 2nd Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Garrett, C.J.R. Oceanography Dalhousie	Physical oceanography of banks and seamounts 3yr - 3rd Inst.	Individual	97,840	37
Garside, B.K. Eng. Physics McMaster	Devices for optical communications technology * with J.P.Marton, J.Reid(McMaster) 2yr - 2nd Inst.	Group	96,728	38
Gaskin, D.E. Zoology Guelph	Modelling transport routes of heavy metals through the Bay of Fundy pelagic food chain using synoptic data * with R.Frank(Guelph) 3yr - 3rd Inst.	Group	30,575	36
Gaucher, G.M. Chemistry Calgary	Immobilized cell technology * with E.H.Lesser, Y.H.Tan, L.A.Behie(Calgary) 3yr - 2nd Inst.	Group	111,400	40
Gauvin, W.H. Chemical Eng. McGill	Production of zirconium by plasma decomposition of zirconium tetrachloride	Individual	33,660	35
Gecsei, J. Infor. & rech opér. Montréal	* Chercheur principal G.V.Bochmann(Montréal) 3ans - 3ième vers.	Groupe		38
Geen, G.H. Biolog. Sciences Simon Fraser	* Principal investigator K.K.Nair(Simon Fraser) 2yr - 1st Inst.	Group		36
Gendron, G. Phytologie Laval	* Chercheur principal M.Boulet(Laval) 3ans - 3ième vers.	Groupe		39
Gentry, P.A. Biomed Sciences Guelph	* Principal investigator T.K.Smith(Guelph)	Group		36
Gentry, R.D. Math/Statistics Guelph	* Principal investigator W.D.Black(Guelph) 3yr - 3rd Inst.	Group		39
Georganas, N. Electrical Eng. Ottawa	Packetized digital voice communication in a local computer network 3yr - 1st Inst.	Individual	22,840	38
Gesser, H.D. Chemistry Manitoba	Storage of hydrogen and methane on activated carbons at ambient temperature 3yr - 3rd Inst.	Individual	19,813	35
Gibbins, L.N. Microbiology Guelph	* Principal investigator B.H.MacNeill(Guelph) 3yr - 3rd Inst.	Group		39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Gibson, I.L. Earth Sciences Waterloo	* Principal investigator J.M.Hall(Dalhousie) 2yr - 1st Inst.	Group		37
Gill, T.A. Fish. Res. & Tech. Tech Univ N.S.	Thermal process simulator Pilot plant retort	Equipment	65,000	39
Gill, T.A. Fish. Res. & Tech. Tech Univ N.S.	* Principal investigator E.G.Bligh(N.S.T.C.) 3yr - 2nd Inst.	Group		39
Gillespie, T.J. Land Resource Sc Guelph	* Principal investigator J.C.Sutton(Guelph) 3yr - 1st Inst.	Group		39
Gillham, R.W. Earth Sciences Waterloo	* Principal investigator J.A.Cherry(Waterloo) 3yr - 1st Inst.	Group		35
Gilmore, P.C. Computer Science British Columbia	* Principal investigator A.G.Fowler(UBC)	Group		38
Girouard, F.E. Physique/math Moncton	* Chercheur principal T.Vo- Van(Moncton) 2ans - 2ième vers.	Groupe		35
Glass, A.D. Botany British Columbia	A feasibility study: the usefulness of short-term measurements of inorganic ion uptake in the selection of improved genotypes of crop plants 3yr - 3rd Inst.	Individual	36,690	39
Glass, A.D.M. Botany British Columbia	* Principal investigator A.J.F.Griffiths(B.C.) 3yr - 2nd Inst.	Group		39
Glass, I.I. Aerospace Studies Toronto	Advanced modelling and diagnostic techniques in swirl combustors 3yr - 1st Inst.	Individual	44,250	35
Glaude, V.M.M. Physique Montréal	* Chercheur principal J.G.Martel(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Goff, A.K. Médecine vét. Montréal	* Chercheur principal K.J.Betteridge(Montréal) 3ans - 1er vers.	Groupe		39
Goldak, J. Mech. & Aeronaut. Carleton	* Principal investigator A.P.S.Selvadurai(Carleton)	Group		35
Gosline, J.M. Zoology British Columbia	Effects of lead on the mechanical properties of arteries and arterial elastin 2yr - 2nd Inst.	Individual	27,850	36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Goud, P.A. Electrical Eng. Alberta	* Principal investigator W.A.Davis(Alberta)	Group		38
Gough, D.I. Physics Alberta	Magnetometer array investigation of geothermal areas 3yr - 3rd Inst.	Individual	51,244	35
Gough, D.I. Physics Alberta	Electric field recorders to supplement magnetometer arrays	Equipment	20,065	35
Gough, T.E. Chemistry Waterloo	Photolysis of Van der Waal's molecules 2yr - 2nd Inst.	Individual	18,938	35
Goulet, R.Y. Génie électrique Sherbrooke	* Chercheur principal S.Morissette(Sherbrooke) 3ans - 2ieme vers.	Groupe		38
Grace, J.R. Chemical Eng. British Columbia	* Principal investigator N.Epstein(B.C.) 3yr - 2nd Inst.	Group		35
Gray, D.M. Agricuilt. Eng. Saskatchewan	The importance of snow and snow management practices to agricultural production * with H.M.Austenson,D.H.Male(Sask.) 3yr - 3rd Inst.	Group	73,380	39
Graydon, W.F. Chemical Eng. Toronto	* Principal investigator L.J.Rubin(Toronto) 3yr - 1st Inst.	Group		39
Green, G.H. Mechanical Eng. Saskatchewan	* Principal investigator R.W.Besant(Sask.) 3yr - 3rd Inst.	Group		35
Gregory, B.C. INRS - Energie Québec-INRS	* Chercheur principal J.G.Martel(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Griffiths, A.J.F. Botany British Columbia	Development of improved mycorrhizal associations in crop plants, with a view to maximizing soil phosphate utilization * with A.D.M.Glass(B.C.) 3yr - 2nd Inst.	Group	33,420	39
Grigliatti, T.A. Zoology British Columbia	Development of a more efficient multicellular assay system for mutagens/carcinogens, teratogens, and bio-accumulated toxins utilizing Drosophila 3yr - 2nd Inst.	Individual	54,586	36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Grodzinski, E. Horticultural Sci. Guelph	Photosynthesis, photorespiration and crop productivity * with J.T.A.Proctor(Guelph) 3yr - 2nd Inst.	Group	44,560	39
Guay, P. Médecine vét. Montréal	* Chercheur principal K.J.Betteridge(Montréal) 3ans - 1er vers.	Groupe		39
Guthrie, R.I.L. Mining/Metal. Eng. McGill	Optimization studies of steel plant processing vessels * with M.Salcudean(Ottawa) 3yr - 3rd Inst.	Group	55,035	35
Haard, N.F. Biochemistry Memorial	Enzymatic protein resynthesis at low temperature * with L.A.W.Feltham(Memorial) 3yr - 3rd Inst.	Group	48,920	39
Haasz, A.A. Aerospace Studies Toronto	* Principal investigator P.C.Stangeby(Toronto) 3yr - 1st Inst.	Group		35
Hackam, R. Electrical Eng. Windsor	Application of high voltage to weed control 2yr - 2nd Inst.	Individual	45,396	39
Haley, L.E. Biology Dalhousie	Increasing oyster production by genetic selection and improved hatchery technology with an economic assessment * with R.W.Doyle, E.Zouros, M.L.Cross, T.A.Pinfold, W.R.S.Sutherland(Dalhousie) 3yr - 3rd Inst.	Group	48,920	39
Hall, J.M. Geology Dalhousie	An electric rock core drill for use on a mid-ocean ridge (3rd instalment of equipment award)	Equipment	14,000	37
Hall, J.M. Geology Dalhousie	A new investigation of the crest of mid-ocean ridges using an electric rock core drill * with J.Dostel(St. Mary's), I.L.Gibson(Waterloo), P.H.Reynolds, P.J.C.Ryall, M.Zentilli(Dalhousie) 2yr - 1st Inst.	Group	39,100	37
Hall, J.M. Geology Dalhousie	Investigation of the hydrothermal systems responsible for the formation of massive sulfide ore bodies in the ocean crust * with P.T.Robinson(Dalhousie) 3yr - 1st Inst.	Group	91,903	37
Hall, R. Environ. Biology Guelph	* Principal investigator J.C.Sutton(Guelph) 3yr - 1st Inst.	Group		39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Halls, H.C. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Hamacher, V.C. Electrical Eng. Toronto	* Principal investigator Z.G.Vranesic(Toronto) 3yr - 2nd Inst.	Group		38
Hamielec, A.E. Chemical Eng. McMaster	Development of polymer production technology	Equipment	187,783	40
Hamielec, A.E. Chemical Eng. McMaster	Development of polymer production technology * with T.W.Hoffman, J.F.MacGregor(McMaster) 3yr - 1st Inst.	Group	64,000	40
Hammer, U.T. Biology Saskatchewan	* Principal investigator P.M.Huang(Sask.) 3yr - 2nd Inst.	Group		36
Hancock, H.A. Mining/Metallurgy Tech Univ N.S.	* Principal investigator A.M.A1 Taweel(N.S.T.C.) 3yr - 3rd Inst.	Group		35
Hansell, M.M. Anatomy Dalhousie	* Principal investigator F.C.P.Law(Dalhousie) 3yr - 1st Inst.	Group		36
Harrison, P.J. Oceanogr./Botany British Columbia	Biological productivity in frontal areas in E.C. coastal waters * with T.R.Parsons(E.C.) 3yr - 1st Inst.	Group	29,600	37
Harrison, P.J. Botany British Columbia	* Principal investigator R.J.Andersen(E.C.) 3yr - 1st Inst.	Group		37
Haslett, J.W. Electrical Eng. Calgary	* Principal investigator L.T.Bruton(Calgary) 3yr - 2nd Inst.	Group		38
Hastings, P.J. Genetics Alberta	* Principal investigator R.C.Von Borstel(Alberta) 2yr - 2nd Inst.	Group		36
Hawirko, R.Z. Microbiology Manitoba	* Principal investigator W.Bushuk(Manitoba) 3yr - 3rd Inst.	Group		39
Hay, G.W. Chemistry Queen's	* Principal investigator A.M.Kropinski(Queen's) 3yr - 1st Inst.	Group		35
Hay, J.E. Geography British Columbia	An assessment of the spatial variability of solar energy at the earth's surface 3yr - 2nd Inst.	Individual	44,713	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	Sut de la subvention	Genre	Montant \$	Comité
Haykin, S. Elec. & Comp. Eng. McMaster	Adaptive lattice filtering algorithms applied to classification or suppression of radar clutter 2yr - 2nd Inst.	Individual	45,641	38
Haykin, S.S. Electrical Eng. McMaster	Design and implementation of digital array processing antennas for the cancellation of multipath 3yr - 3rd Inst.	Individual	55,157	38
Haynes, R.H. Biology York	Induction of genetic damage by environmental mutagens 3yr - 1st Inst.	Individual	85,000	36
Henry, P.M. Chemistry Guelph	* Principal investigator C.A.Fyfe(Guelph)	Group		35
Heuft, R.W. Computer Science Alberta	* Principal investigator W.A.Davis(Alberta)	Group		38
Higgins, V.J. Botany Toronto	Use of induced mutants of plant pathogens in breeding for plant disease resistance 3yr - 3rd Inst.	Individual	24,460	39
Hileman, D.E. Chemistry McMaster	Studies on the chemistry of dual catalyst liquid redox desulfurization technologies 3yr - 1st Inst.	Individual	32,920	35
Hill, R.D. Plant Science Manitoba	* Principal investigator W.Bushuk(Manitoba) 3yr - 3rd Inst.	Group		39
Hilton, J.W. Nutrition Guelph	Effect of environmental contaminants on the growth and physiological response of rainbow trout * with S.U.Slinger(Guelph) 2yr - 2nd Inst.	Group	22,781	36
Hirose, A. Physics Saskatchewan	* Principal investigator H.M.Skarsgard(Sask.) 3yr - 1st Inst.	Group		35
Hoffman, R. Chemical Eng. McGill	* Principal investigator M.D.Levine(McGill)	Group		40
Hoffman, T.W. Chemical Eng. McMaster	* Principal investigator A.E.Hamielec(McMaster) 3yr - 1st Inst.	Group		40
Holland, H.L. Chemistry Brock	* Principal investigator V.A.Snieckus(Waterloo) 3yr - 3rd Inst.	Group		36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Hollands, K.G.T. Mechanical Eng. Waterloo	Application of time-series and graph-theoretic methods to the analysis of solar energy systems * with M.Chandrashekar, T.E.Unny(Waterloo) 3yr - 1st Inst.	Group	40,420	35
Hollebone, E.R. Chemistry Carleton	* Principal investigator D.C.Wigfield(Carleton) 3yr - 3rd Inst.	Group		36
Horgen, P.A. Botany Toronto	* Principal investigator J.B.Anderson(Toronto) 3yr - 1st Inst.	Group		39
Hornof, V. Chemical Eng. Ottawa	Enhanced oil recovery using lignin waste products * with G.H.Neale(Ottawa) 3yr - 2nd Inst.	Group	33,286	35
Hruska, C.K. Mathematics York	Nonlinear properties and stability (frequency & other electrical parameters) of piezoelectric resonators for frequency control and filters 3yr - 2nd Inst.	Individual	29,939	38
Hruska, C.K. Mathematics York	Piezoelectricity research laboratory: Equipment to make and to study the properties of piezoelectric resonators	Equipment	16,795	38
Hsiung, C.C. Engineering Memorial	* Principal investigator D.V.Reddy(Memorial) 3yr - 2nd Inst.	Group		37
Hsu, T.R. Mechanical Eng. Manitoba	On fracture and thermal conditioning of Canadian coals - with intended application to in-situ coal gasification * with M.N.Bassim(Manitoba) 3yr - 2nd Inst.	Group	81,322	35
Huang, P.M. Soil Science Saskatchewan	Mechanisms governing the roles of stream, river, and lake sediments as sources, carriers, and sinks of Hg, Se and As in the aquatic ecosystem * with U.T.Hammer(Sask.) 3yr - 2nd Inst.	Group	53,918	36
Hubert, J. Chimie Montréal	Développement de méthodes d'analyse multiélément et de détermination d'espèces chimiques 3ans - 2ième vers.	Individuelle	37,663	36
Hughes, P.C. Aerospace Studies Toronto	Attitude stabilization of communications satellites 2yr - 2nd Inst.	Individual	7,241	38

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Huner, N.P.A. Plant Science Western Ontario	Control of snow mold growth * with R.B.Van Huystee(Western Ontario), E.W.B.Ward(Agriculture Canada) 3yr - 1st Inst.	Group	30,000	39
Hunt, L.A. Crop Science Guelph	Evaluation of traits associated with photosynthetic productivity in wheat 3yr - 1st Inst.	Individual	32,000	39
Hunt, L.A. Crop Science Guelph	* Principal investigator E.D.McKersie(Guelph) 3yr - 1st Inst.	Group		39
Hunt, L.A. Crop Science Guelph	* Principal investigator J.C.Sutton(Guelph) 3yr - 1st Inst.	Group		39
Hunter, R.B. Crop Science Guelph	Prevention of mycotoxin production in corn * with L.V.Busch(Guelph) 3yr - 1st Inst.	Group	20,000	39
Huntley, D.A. Oceanography Dalhousie	The movement of water and sediment near the sea bed * with A.J.Bowen,D.J.W.Piper(Dalhousie) 3yr - 2nd Inst.	Group	66,840	37
Huntley, D.J. Physics Simon Fraser	* Principal investigator S.E.Calvert(B.C.) 3yr - 1st Inst.	Group		37
Hutcheon, I.E. Geology & Geophys. Calgary	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Hutchinson, T.C. Botany Toronto	Multiple-metal tolerances and co- tolerances in grasses and algae 3yr - 3rd Inst.	Individual	52,940	36
Hutchinson, T.C. Botany Toronto	Controlled environment plant growth units	Equipment	67,806	39
Hyne, J.B. Chemistry Calgary	Aquathermolysis of organosulphur compounds of heavy oils 3yr - 1st Inst.	Individual	51,350	35
Inculet, I.I. Electrical Eng. Western Ontario	Electrostatic-aerodynamic spraying of row and field crops * with G.S.P.Castle(Western Ontario) 2yr - 1st Inst.	Group	50,000	39
Ingledeu, W.M. Dairy & Food Sci. Saskatchewan	Novel technology for gasohol production by fermentation * with G.G.Khachatourians(Sask.) 3yr - 2nd Inst.	Group	36,762	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ingram, R.G. Inst. Oceanography McGill	Self recording current meters (six)	Equipment	44,998	37
Ingram, R.G. Inst. Oceanography McGill	Entrainment, mixing processes and phytoplankton production in an under-ice Hudson Bay plume * with L.Legendre(Laval), V.H.Chu(McGill) 3yr - 1st Inst.	Group	68,700	37
Inniss, W.E. Biology Waterloo	* Principal investigator J.E.Thompson(Waterloo) 2yr - 2nd Inst.	Group		36
Irish, D.E. Chemistry Waterloo	Studies of electrolytes and redox processes of importance in power research programs * with G.E.Toogood(Waterloo) 3yr - 2nd Inst.	Group	33,420	35
Isaacson, M.S.Q. Civil Engineering British Columbia	Design of offshore structures in shallow water 3yr - 2nd Inst.	Individual	38,990	37
Ishiguro, E.E. Biochem./Microbiol. Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Jana, S. Crop Science Saskatchewan	Conservation of genetic resources: barley and durum wheat 3yr - 1st Inst.	Individual	40,000	39
Janzen, A.F. Chemistry Manitoba	Organophosphorus compounds as extractants for uranium and thorium 3yr - 3rd Inst.	Individual	18,345	35
Jarvis, G.T. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Jay, E. Chemistry New Brunswick	Studies and optimization of synthetic E coli ribosome binding sites in industrial applications for the expression and production of mammalian proteins in bacteria 3yr - 1st Inst.	Individual	86,800	40
Jay, E.W.K. Chemistry New Brunswick	* Principal investigator J.A.Findlay(N.B.) 3yr - 1st Inst.	Group		37
Jay, E.W.K. Chemistry New Brunswick	* Principal investigator W.D.Seabrook(N.B.) 2yr - 1st Inst.	Group		40

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jelen, P. Food Science Alberta	Physico-chemical and engineering studies of ultrafiltration and reverse osmosis for food processing 3yr - 2nd Inst.	Individual	44,560	39
Jenkins, D.J.A. Nutrition/Food Sci Toronto	Human nutritional studies to promote the use of leguminous seeds * with L.U.Thompson, A.V.Rao,G.H.Anderson, L.M.Blendis(Toronto) 3yr - 1st Inst.	Group	100,000	39
Jericho, M.H. Physics Dalhousie	Physics of intercalation in layered compounds * with R.H.March,A.M.Simpson(Dalhousie) 3yr - 2nd Inst.	Group	41,413	35
Jervis, R.E. Chemical Eng. Toronto	Chemistry of inorganic contaminants in fossil fuel (oil sands & coals) conversion and combustion 2yr - 2nd Inst.	Individual	33,420	35
Jofriet, J.C. Engineering Guelph	Engineering, agronomic and nutritional aspects of ensiling low dry matter corn in cool season environments * with J.G.Buchanan-Smith, T.E.Daynard(Guelph) 3yr - 2nd Inst.	Group	38,990	39
John, V.I. Electrical Eng. Queen's	* Principal investigator G.E.Dawson(Queen's) 3yr - 1st Inst.	Group		35
Johnson, K.E. Chemistry Regina	Hydrogen production by coal-depolarized water electrolysis at elevated temperatures * with B.D.Kybett(Regina) 3yr - 2nd Inst.	Group	38,990	35
Johnston, T.W. INRS - Energie Québec-INRS	* Principal investigator H.Pepin(Qué.-I.N.R.S.) 3yr - 1st Inst.	Group		35
Jolicoeur, C.R. Chimie Sherbrooke	Toxicité de contaminants chimiques dans les processus de biodégradation 3ans - 2ième vers.	Individuelle	41,218	36
Jolliffe, P.A. Plant Science British Columbia	* Principal investigator G.W.Eaton(B.C.) 3yr - 3rd Inst.	Group		39
Jones, B. Geology Alberta	* Principal investigator J.Veizer(Ottawa) 3yr - 1st Inst.	Group		37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Jones, G.A. Dairy & Food Sci. Saskatchewan	Toxicological effects of Trichoderma isonitriles on rumen microorganisms and mice * with J.M.Bell(Sask.) 3yr - 1st Inst.	Group	32,430	36
Jones, S.D. Animal/Poultry Sc. Guelph	The role of carcass composition on meat quality in beef cattle * with J.W.Wilton(Guelph) 3yr - 2nd Inst.	Group	25,622	39
Jopling, A.V. Geography Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Kafer, E. Biology McGill	Improved tests for environmental induction of nondisjunction using Aspergillus 3yr - 2nd Inst.	Individual	26,224	36
Kakuda, Y. Food Science Guelph	Studies on the nitrosation of phenols in wood smoke 3yr - 3rd Inst.	Individual	12,230	39
Kaliaguine, S.C. Génie chimique Laval	Chromatographe en phase gazeuse	Appareillage	32,779	35
Kaliaguine, S.C.F. Génie chimique Laval	Production et valorisation d'huiles pyrolytiques à partir du bois 3ans - 1er vers.	Individuelle	48,500	35
Kamal, M.R. Chemical Eng. McGill	* Principal investigator D.D.Patterson(McGill) 3yr - 2nd Inst.	Group		40
Kamphuis, J.W. Civil Engineering Queen's	Scale effects in large coastal mobile bed models	Individual	60,000	37
Kannenbergh, L.W. Crop Science Guelph	Gene pool development in corn with emphasis on maturity, yield, stalk quality and corn borer resistance 3yr - 3rd Inst.	Individual	36,690	39
Karasek, F.W. Chemistry Waterloo	Development of advanced analytical methods for trace determination of chlorinated dioxins in fish, sediments and water using high resolution GC and GC/MS 3yr - 2nd Inst.	Individual	38,990	36
Karim, G.A. Mechanical Eng. Calgary	Efficiency considerations of internal combustion engines 2yr - 1st Inst.	Individual	37,610	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kasha, K.J. Crop Science Guelph	Crop improvement through plant cell and tissue culture * with B.E.Ellis,R.L.Peterson, D.T.Tomes(Guelph) 3yr - 3rd Inst.	Group	24,460	39
Kaushik, N.K. Environ. Biology Guelph	* Principal investigator K.R.Solomon(Guelph) 3yr - 1st Inst.	Group		36
Kay, B.D. Land Resource Sc Guelph	* Principal investigator K.M.King(Guelph) 3yr - 3rd Inst.	Group		39
Kay, W.W. Biochem./Microbiol. Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Keller, W.A. Biology Carleton	* Principal investigator G.Setterfield(Carleton) 3yr - 2nd Inst.	Group		39
Kelly, J.E. Psychology Carleton	* Principal investigator E.W.Tansley(Carleton) 3yr - 2nd Inst.	Group		36
Kenney-Wallace, G.A. Chemistry Toronto	* Principal investigator E.P.Stoicheff(Toronto) 3yr - 2nd Inst.	Group		40
Ketcheson, J.W. Land Resource Sc Guelph	* Principal investigator K.M.King(Guelph) 3yr - 3rd Inst.	Group		39
Khachatourians, G.G. Microbiology Saskatchewan	* Principal investigator H.B.Schiefer(Sask.) 3yr - 2nd Inst.	Group		36
Khachatourians, G.G. Microbiology Saskatchewan	* Principal investigator W.M.Ingledew(Sask.) 3yr - 2nd Inst.	Group		35
Khan, R.A. Biology Memorial	The effects of crude oil on parasitized cod and winter flounder 3yr - 1st Inst.	Individual	22,500	37
Kierkus, W.T. Mechanical Eng. Windsor	* Principal investigator W.G.Colborne(Windsor) 2yr - 1st Inst.	Group		35
Kilburn, D.G. Microbiology British Columbia	* Principal investigator R.C.Miller(B.C.) 2yr - 2nd Inst.	Group		35
Kimmerle, F.M. Chimie Sherbrooke	Evaluation du potentiel cytotoxique du chrysotile naturel et modifié * avec R.Calvert,D.Nadeau,G.G.Poirier, S.Lemaire(Sherbrooke)	Groupe	125,000	36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kimmerle, F.M. Chemistry Sherbrooke	* Principal investigator J.Lessard(Sherbrooke) 3yr - 1st Inst.	Group		35
Kind, R.J. Mech. & Aeronaut. Carleton	Heat losses from solar collectors in windy conditions 3yr - 3rd Inst.	Individual	7.950	35
King, G.J. Animal/Poultry Sc. Guelph	Factors affecting estrous behaviour in dairy cows * with J.S.Walton(Guelph), J.McDougall(W.D.Breeders Inc.) 3yr - 1st Inst.	Group	54.000	39
King, J. Biology Saskatchewan	The liposome-mediated transfer of chromosomes into auxotrophic cells of Datura 3yr - 1st Inst.	Individual	39.000	39
King, J.F. Chemistry Western Ontario	* Principal investigator J.E.Cummins(Western Ontario) 2yr - 2nd Inst.	Group		36
King, K.M. Land Resource Sc Guelph	Tillage and crop rotation effects on soil structure, erodibility and productivity under intensive corn cultivation * with B.D.Kay, J.W.Ketcheson, R.Protz, R.L.Thomas, T.B.Daynard, W.T.Dickinson, J.H.A.Lee, D.P.Stonehouse(Guelph) 3yr - 3rd Inst.	Group	110.070	39
Kitai, R. Elec. & Comp. Eng. McMaster	* Principal investigator J.Tlusty(McMaster) 2yr - 2nd Inst.	Group		40
Kitts, W.D. Animal Science British Columbia	Phytoestrogens - their synthesis in plant material and their effects on domestic animals * with V.C.Runeckles(B.C.) 3yr - 3rd Inst.	Group	36.690	39
Kobluk, D.R. Earth Sciences Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Koslow, J.A. Oceanography Dalhousie	The ecology of the Atlantic herring and mackerel 3yr - 2nd Inst.	Individual	30.078	37
Koslow, J.A. Oceanography Dalhousie	A dual-frequency acoustic system	Equipment	31,680	37
Krakow, K.I. Mechanical Eng. Concordia	* Principal investigator S.Lin(Concordia) 3yr - 3rd Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Kropinski, A.M. Microbiology Queen's	The development of an economical fermentation process for the production of organic solvents from biomass * with G.W.Hay, W.A.Szarek(Queen's) 3yr - 1st Inst.	Group	65,000	35
Krouse, H.R. Physics Calgary	Gas - oil - source rock correlation in Canadian frontier exploration 3yr - 2nd Inst.	Individual	27,404	35
Kruuv, J. Physics & Biology Waterloo	* Principal investigator J.E.Thompson(Waterloo) 2yr - 2nd Inst.	Group		36
Kucerovsky, Z. Electrical Eng. Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Kutney, J.P. Chemistry British Columbia	Studies on detoxification of kraft pulp mill effluents. The biological degradation of resin acids and related toxic substances as an approach to improvement of water quality 2yr - 2nd Inst.	Individual	89,087	36
Kutney, J.P. Chemistry British Columbia	Development of plant tissue and cell culture fermentations as a source for antineoplastic agents. An approach to pharmaceutically important products * with P.M.Townsley(B.C.)	Group	60,000	40
Kwak, J.C.T. Chemistry Dalhousie	Coal beneficiation: A colloid chemical study of fines recovery and utilization * with A.M.Al Taweel(N.S.T.C.) 3yr - 2nd Inst.	Group	42,221	35
Kybett, B.D. Chemistry Regina	* Principal investigator K.E.Johnson(Regina) 3yr - 2nd Inst.	Group		35
Labella, F.S. Pharm./Therapeutics Manitoba	Biological effects of vanadium, a major toxic contaminant in tar sands oil 2yr - 1st Inst.	Individual	40,000	36
Lagasse, P.P. Sci l'activité phys Laval	* Chercheur principal C.Bouchard(Laval) 3ans - 1er vers.	Groupe		40
Laing, J.E. Environ. Biology Guelph	New initiatives in the biological control of insect pests and weeds * with J.F.Alex, C.R.Ellis, F.L.McEwen(Guelph) 3yr - 2nd Inst.	Group	55,700	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Laird, M. Unit on Vect. Path Memorial	Bacillus thuringiensis var. israelensis for blackfly control * with M.H.Colbo, J.R.Finney(Memorial) 3yr - 3rd Inst.	Group	18,345	39
Lallier, R. Pathol./microbiol. Montréal	* Chercheur principal S.A.St- Pierre(Sherbrooke) 3ans - 1er vers.	Groupe		39
Lalonde, M. Pédologie/écologie Laval	Germplasm bank and fermentative production of nitrogen-fixing Frankia 2ans - 1er vers.	Individuelle	66,047	40
Landry, F. Education physique Laval	* Chercheur principal C.Bouchard(Laval) 3ans - 1er vers.	Groupe		40
Lane, P.A. Biology Dalhousie	Experimental validation of cause and effect relationships in polluted marine ecosystems 3yr - 1st Inst.	Individual	32,300	37
Larivière, N. Anat./phys. animales Montréal	* Chercheur principal K.J.Betteridge(Montréal) 3ans - 1er vers.	Groupe		39
Larkin, P.A. Animal Res. Ecol. British Columbia	The coho populations of the Strait of Georgia region: implications for management * with J.D.McPhail, C.F.Wehrhahn(B.C.) 3yr - 3rd Inst.	Group	97,840	39
Larsen, J.M. INRS - Energie Québec-INRS	* Chercheur principal J.G.Martel(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Larter, E.N. Plant Science Manitoba	* Principal investigator W.Bushuk(Manitoba) 3yr - 3rd Inst.	Group		39
Latto, E. Mechanical Eng. McMaster	* Principal investigator D.R.Eaton(McMaster) 3yr - 1st Inst.	Group		35
Laurin, C.A. Médecine Montréal	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 1er vers.	Groupe		40
Lavers, J.D. Electrical Eng. Toronto	* Principal investigator S.B.Dewan(Toronto) 3yr - 3rd Inst.	Group		35
Lavigne, P. INRS - Energie Québec-INRS	* Chercheur principal H.Pepin(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Law, F.C.P. Pharmacy Dalhousie	Metabolic disposition and sub-lethal effects of chlorodiphenyl ethers in fish and rats * with M.M.Hansell(Dalhousie), M.Addison(Bedford Inst.) 3yr - 1st Inst.	Group	46,500	36
Lebel, J. Océanographie Québec-Rimouski	* Chercheur principal B.Sundby(Univ. du Qué.-Rimouski) 3ans - 2ième vers.	Groupe		37
LeBlond, P.H. Oceanography British Columbia	Physical oceanography of Arctic Straits 3yr - 1st Inst.	Individual	32,250	37
LeBlond, P.H. Oceanography British Columbia	* Principal investigator W.J.Emery(B.C.) 3yr - 1st Inst.	Group		37
Lechowicz, M.J. Biology McGill	Effects of acid precipitation on the productivity of caribou lichens 3yr - 2nd Inst.	Individual	30,524	36
Lecomte, J. Ctre. Rech.-Virolog. Québec-IAF	Technologie des hybridomes appliquée à la caractérisation des antigènes viraux et à la production de produits biologiques et sérologiques * avec S.Belloncik, P.Payment, L.Thibodeau, M.Trudel(I.A.F.)	Groupe	75,000	40
L'Ecuyer, J. Physique Montréal	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Le Duy, A. Génie chimique Laval	Fermentations des hydrolysats de tourbe 3ans - 2ième vers.	Individuelle	38,990	35
Lee, J.H.A. Engineering Guelph	* Principal investigator K.M.King(Guelph) 3yr - 3rd Inst.	Group		39
Lee, Y. Mechanical Eng. Ottawa	* Principal investigator H.Tanaka(Ottawa) 3yr - 2nd Inst.	Group		35
Legendre, L. Biologie Laval	* Chercheur principal R.G.Ingram(McGill) 3ans - 1er vers.	Groupe		37
Leggett, W.C. Biology McGill	Predicting year class strength in capelin 3yr - 1st Inst.	Individual	48,920	37
Lemaire, S. Pharmacologie Sherbrooke	* Principal investigator F.M.Kimmerle(Sherbrooke)	Groupe		36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lennig, M. INRS-Télécomm. Québec-INRS	* Principal investigator D.O'Shaughnessy (INRS-Québec) 2yr - 1st Inst.	Group		38
Lepine, Y. Physique Montréal	* Chercheur principal M.R.Wertheimer (Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Lepock, J.R. Physics & Biology Waterloo	* Principal investigator J.E.Thompson (Waterloo) 2yr - 2nd Inst.	Group		36
Leroueil, S. Génie civil Laval	* Chercheur principal F.Tavenas (Laval) 3ans - 1er vers.	Groupe		40
Leslie, J.D. Physics Waterloo	* Principal investigator D.E.Brodie (Waterloo) 3yr - 1st Inst.	Group		35
Lessard, J. Chimie Sherbrooke	Electrohydrogenation de molecules organiques * avec F.M.Kimmerle (Sherbrooke) 3ans - 1er vers.	Groupe	58,637	35
Lesser, B.H. Chemistry Calgary	* Principal investigator G.M.Gaucher (Calgary) 3yr - 2nd Inst.	Group		40
Lever, A.B.P. Chemistry York	* Principal investigator R.D.Venter (Toronto) 3yr - 1st Inst.	Group		35
Levine, M.D. Electrical Eng. McGill	Robotics facility	Equipment	50,000	40
Levine, M.D. Electrical Eng. McGill	The application of robotics to electronic inspection, repair, and assembly * with V.K.Agarwal, P.R.Belanger, R.Hoffman, S.W.Zucker (McGill)	Group	50,000	40
Lewis, A.G. Oceanography British Columbia	* Principal investigator R.J.Andersen (B.C.) 3yr - 1st Inst.	Group		37
Lewis, J.K.C. Physics Memorial	* Principal investigator C.W.Cho (Memorial) 3yr - 3rd Inst.	Group		37
Leznoff, C.C. Chemistry York	The protection of agricultural crops and forests by pheromones 3yr - 2nd Inst.	Individual	33,754	39
Lin, S. Mechanical Eng. Concordia	A solar source heat pump heating system with a latent heat storage for cold climates * with K.I.Krakow (Concordia) 3yr - 3rd Inst.	Group	19,201	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Lo, K.V. Bio-Res. Eng. British Columbia	Biogas production from animal manure as an alternative energy source * with N.R.Bulley(E.C.) 3yr - 3rd Inst.	Group	18,345	39
Lobban, C.S. Biology New Brunswick	* Principal investigator J.A.Findlay(N.E.) 3yr - 1st Inst.	Group		37
Lochovsky, F.H. Computer Science Toronto	* Principal investigator D.Tsichritzis(Toronto) 3yr - 1st Inst.	Group		38
Loughton, B.G. Biology York	* Principal investigator K.G.Davey(York) 3yr - 2nd Inst.	Group		36
Ludvigsen, R. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Lui, E.M.K. Pharmacology Western Ontario	Hepatic enzyme tests as indicators of chemical effects on male reproduction	Individual	30,000	36
Lyon, G.F. Physics Western Ontario	* Principal investigator P.A.Forsyth(Western) 3yr - 3rd Inst.	Group		38
MacDonald, W.C. Medicine British Columbia	* Principal investigator W.D.Powrie(E.C.) 3yr - 3rd Inst.	Group		36
MacDougall, J.W. Electrical Eng. Western Ontario	* Principal investigator P.A.Forsyth(Western) 3yr - 3rd Inst.	Group		38
MacEwen, G.H. Comp. & Info. Sc. Queen's	* Principal investigator S.E.Tavares(Queen's) 3yr - 1st Inst.	Group		38
MacGregor, J.F. Chemical Eng. McMaster	* Principal investigator A.E.Hamielec(McMaster) 3yr - 1st Inst.	Group		40
MacKay, G.D.M. Chemical Eng. Tech Univ N.S.	* Principal investigator A.M.A1 Taweel(N.S.T.C.) 3yr - 3rd Inst.	Group		35
MacKenzie, A.F. Renewable Dev. Res Macdonald Coll.	To determine the economic and agronomic feasibility of improving soil productivity for corn production using green manures and intercropping * with E.M.McKyes(McGill), H.G.Coffin(Macdonald Coll.) 3yr - 3rd Inst.	Group	24,460	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
MacKenzie, A.F. Ren. Resources Macdonald Coll.	* Principal investigator E. McKyes (Macdonald) 3yr - 1st Inst.	Group		39
MacNeill, B.H. Environ. Biology Guelph	* Principal investigator J.C. Sutton (Guelph) 3yr - 1st Inst.	Group		39
MacNeill, B.H. Environ. Biology Guelph	Bacterial diseases of plants * with L.V. Edgington, L.N. Gibbins (Guelph) 3yr - 3rd Inst.	Group	97,840	39
Mainwaring, P. Geology Carleton	* Principal investigator D.R. Wiles (Carleton) 2yr - 2nd Inst.	Group		35
Majithia, J. Electrical Eng. Waterloo	* Principal investigator J.W. Mark (Waterloo) 3yr - 3rd Inst.	Group		38
Malcolm, M.A. Computer Science Waterloo	Network server and personal computer work stations	Equipment	63,800	38
Malcolm, M.A. Computer Science Waterloo	Portable software for networks of personal computer work stations * with J.C. Beatty, K.S. Booth (Waterloo) 3yr - 1st Inst.	Group	70,000	38
Male, D.H. Mechanical Eng. Saskatchewan	* Principal investigator D.M. Gray (Sask.) 3yr - 3rd Inst.	Group		39
Manchester, F.D. Physics Toronto	* Principal investigator G.C. Weatherly (Toronto)	Group		35
Mann, K.H. Biology Dalhousie	* Principal investigator A.R.O. Chapman (Dalhousie) 3yr - 3rd Inst.	Group		37
Manning, E.G. Computer Science Waterloo	Distributed algorithms for computer communications systems * with J.W.N. Wong (Waterloo) 3yr - 2nd Inst.	Group	58,875	33
March, B.E. Poultry Science British Columbia	Stress and efficiency of protein utilization in the growing chicken 3yr - 1st Inst.	Individual	45,000	39
March, R.H. Physics Dalhousie	* Principal investigator M.H. Jericho (Dalhousie) 3yr - 2nd Inst.	Group		35
Margaritis, A. Biochemical Eng. Western Ontario	Continuous ethanol production using immobilized cells of Zymomonas mobilis 3yr - 2nd Inst.	Individual	30,635	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mark, J.W. Electrical Eng. Waterloo	Local area communication networks * with J.C.Majithia, J.W.Wong, J.A.Field(Waterloo) 3yr - 3rd Inst.	Group	103,759	38
Marks, G.S. Pharmacology Queen's	Polychlorinated biphenyls: urine and serum porphyrin profiles as a biochemical marker of toxicity * with W.J.Racz, J.F.Brien(Queen's) 2yr - 2nd Inst.	Group	33,420	36
Martel, J.G. INRS - Energie Québec-INRS	Etudes technologiques et scientifiques reliées à la fusion par confinement magnétique dans un dispositif torique	Appareillage	44,500	35
Martel, J.G. INRS - Energie Québec-INRS	Etudes technologiques et scientifiques reliées à la fusion par confinement magnétique dans un dispositif torique * avec H.Van Andel, V.M.M.Glaude(Montréal), B.C.Gregory, J.M.Larsen, B.L.Stansfield, E.Terreault(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe	172,000	35
Martin, F. INRS - Energie Québec-INRS	* Chercheur principal H.Pepin(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Martin, J.P. Physique Montréal	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Marton, J.P. Eng. Physics McMaster	* Principal investigator B.K.Garside(McMaster) 2yr - 2nd Inst.	Group		38
Matheson, A.T. Biochem./Microbiol. Victoria	Toxicology in marine and aquatic systems * with M.Ashwood-Smith, G.R.Branton, J.T.Buckley, E.E.Ishiguro, W.W.Kay, A.McAuley, J.A.McCarter, R.H.Mitchell, R.W.Olafson, T.W.Pearson, T.J.Trust, P.R.West(Victoria) 3yr - 1st Inst.	Group	190,000	36
Mathur, R.M. Electrical Eng. Manitoba	Wind energy systems * with R.W.Menzies(Manitoba) 3yr - 1st Inst.	Group	48,320	35
Matton, P. Biologie Sherbrooke	Etude endocrinologique de l'anestrus post-partum chez le bovin de boucherie	Individuelle	30,000	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
May, A.D. Physics Toronto	* Principal investigator B.P.Stoicheff(Toronto) 3yr - 2nd Inst.	Group		40
Mayfield, C.I. Biology Waterloo	* Principal investigator J.E.Thompson(Waterloo) 2yr - 2nd Inst.	Group		36
McAuley, A. Chemistry Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
McBride, B.C. Microbiology British Columbia	* Principal investigator W.R.Cullen(B.C.) 3yr - 3rd Inst.	Group		36
McCalla, D.R. Biochemistry McMaster	Liquid chromatography equipment for environmental toxicology studies	Equipment	22,672	36
McCalla, D.R. Biochemistry McMaster	Environmental toxicology of nitro polycyclic aromatic hydrocarbons * with M.A.Quilliam, B.E.McCarthy(McMaster) 3yr - 1st Inst.	Group	74,330	36
McCammond, D. Mechanical Eng. Toronto	* Principal investigator R.D.Venter(Toronto) 3yr - 1st Inst.	Group		35
McCarthy, B.E. Chemistry McMaster	* Principal investigator D.R.McCalla(McMaster) 3yr - 1st Inst.	Group		36
McCarter, J.A. Biochem./Microbiol. Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
McCowan, J.D. Chemistry Queen's	* Principal investigator M.C.Baird(Queen's) 3yr - 3rd Inst.	Group		35
McCullough, J.J. Chemistry McMaster	Photochemical separation of isotopes for the nuclear industry * with M.J.McGlinchey(McMaster) 2yr - 2nd Inst.	Group	27,850	35
McDonald, D.G. Biology McMaster	* Principal investigator C.M.Wood(McMaster) 3yr - 1st Inst.	Group		36
McDonald, T.W. Mechanical Eng. Windsor	* Principal investigator W.G.Colborne(Windsor) 2yr - 1st Inst.	Group		35
McEwen, F.L. Environ. Biology Guelph	* Principal investigator K.R.Solomon(Guelph) 3yr - 1st Inst.	Group		36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McEwen, F.L. Environ. Biology Guelph	* Principal investigator J.E.Laing(Guelph) 3yr - 2nd Inst.	Group		39
McGlinchey, M.J. Chemistry McMaster	Low frequency probe for 235U NMR studies	Equipment	8,600	35
McGlinchey, M.J. Chemistry McMaster	* Principal investigator J.J.McCullough(McMaster) 2yr - 2nd Inst.	Group		35
McGowan, J.W. Physics Western Ontario	VLSI study group * with G.M.Bancroft, E.Brannen, J.D.Brown, Z.Kucеровsky, J.E.A.Mitchell, I.Reid, D.M.Shinozaki, B.Y.Tong(Western Ontario) 3yr - 2nd Inst.	Group	110,175	38
McIntyre, G. Génie mécanique Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 1er vers.	Groupe		40
McKee, J.S.C. Physics Manitoba	* Principal investigator C.Pinsky(Manitoba) 2yr - 1st Inst.	Group		36
McKeen, W.E. Plant Science Western Ontario	The influence of herbicides on yield and root diseases of crop plants 2yr - 2nd Inst.	Individual	13,368	39
McKeown, E.A. Biolog. Sciences Simon Fraser	* Principal investigator K.K.Nair(Simon Fraser) 2yr - 1st Inst.	Group		36
McKersie, B.D. Crop Science Guelph	* Principal investigator J.G.Buchanan-Smith(Guelph) 3yr - 3rd Inst.	Group		39
McKersie, B.D. Crop Science Guelph	Physiological and genetic basis of winterhardiness in triticales and wheat * with L.A.Hunt, E.Reinbergs(Guelph) 3yr - 1st Inst.	Group	30,000	39
McKyes, E. Agricultural Chem. Macdonald Coll.	Energy conservation in corn production * with A.F.MacKenzie, A.K.Watson, P.R.Warman(Macdonald College) 3yr - 1st Inst.	Group	50,000	39
McKyes, E.M. Agric. Eng. McGill	* Principal investigator A.F.MacKenzie(Macdonald Coll.) 3yr - 3rd Inst.	Group		39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
McLane, P.J. Electrical Eng. Queen's	Microprocessor based realization and testing of the Viterbi detector for digital FM * with P.H.Wittke(Queen's) 3yr - 2nd Inst.	Group	28,051	38
McLane, P.J. Electrical Eng. Queen's	* Principal investigator S.E.Tavares(Queen's) 3yr - 1st Inst.	Group		38
McLean, A. Metal/Mat. Science Toronto	Technological developments for energy conservation in the steel industry 3yr - 3rd Inst.	Individual	122,300	35
McNeil, J.N. Biologie Laval	Role of pheromones in Pseudaletia unipuncta population dynamics and its importance in management programmes for this and other noctuid pest species 3ans - 1er vers.	Individuelle	50,000	39
McNeil, J.N. Biology Laval	Walk-in incubator for studies of pheromones in population dynamics of the armyworm, Pseudaletia unipuncta	Equipment	51,150	39
McPhail, J.D. Animal Res. Ecol. British Columbia	* Principal investigator P.A.Larkin(B.C.) 3yr - 3rd Inst.	Group		39
Medioli, F.S. Geology Dalhousie	* Principal investigator P.E.Schenk(Dalhousie) 3yr - 2nd Inst.	Group		37
Meiering, A.G. Engineering Guelph	* Principal investigator R.E.Subden(Guelph) 3yr - 2nd Inst.	Group		39
Mellors, A. Chemistry Guelph	Physical toxicity and the effects of halogenated hydrocarbons on mammalian cells 3yr - 1st Inst.	Individual	29,432	36
Menard, H. Chimie Sherbrooke	* Chercheur principal C.Roy(Sherbrooke) 3ans - 1er vers.	Groupe		35
Mendelzon, A.D. Computer Science Toronto	* Principal investigator D.Tsichritzis(Toronto) 3yr - 1st Inst.	Group		38
Mendes de Sousa, A.C. Mechanical Eng. New Brunswick	* Principal investigator J.E.S.Venart(N.B.) 3yr - 1st Inst.	Group		35
Menzies, R.W. Electrical Eng. Manitoba	* Principal investigator R.M.Mathur(Manitoba) 3yr - 1st Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Mermelstein, P. INRS-Télécomm. Québec-INRS	* Principal investigator D.D'Shaughnessy(INRS-Québec) 2yr - 1st Inst.	Group		38
Merritt, J.H. Fish. Res. & Tech. Tech Univ N.S.	* Principal investigator E.G.Bligh(N.S.T.C.) 3yr - 2nd Inst.	Group		39
Meyer, J. Physics British Columbia	Physical processes in CO2 - laser inertial confinement research * with B.Ahlborn, A.K.H.Ng(B.C.)	Group	61,750	35
Miall, A.D. Geology Toronto	Basin analysis of petroleum bearing strata * with G.M.Anderson,F.W.Beales, J.B.Currie,H.C.Halls,G.T.Jarvis, A.V.Jopling,D.R.Kobluk, R.Ludvigsen,G.Norris, W.M.Schwerdtner,E.T.C.Spooner, R.M.Stesky,P.Yates(Toronto), V.Brand(Brock), I.E.Hutcheon(Calgary) 2yr - 1st Inst.	Group	30,000	35
Michel, E. Génie civil Laval	Indentation de la glace flottante de l'Arctique sur les structures à parois verticales * avec G.Dhatt(Laval) 3ans - 2ième vers.	Groupe	55,700	37
Midha, K.K. Pharmacy Saskatchewan	* Principal investigator H.B.Schiefer(Sask.) 3yr - 2nd Inst.	Group		36
Miller, M.H. Land Resource Sc Guelph	Refinement and testing of crop yield models for estimating land productivity * with D.M.Brown(Guelph) 3yr - 3rd Inst.	Group	36,690	39
Miller, R.C. Microbiology British Columbia	Cloning of bacterial cellulase genes * with D.G.Kilburn, R.A.J.Warren(B.C.) 2yr - 2nd Inst.	Group	66,840	35
Mitchell, J.B.A. Physics Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Mitchell, R.H. Chemistry Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Modi, V.J. Mechanical Eng. British Columbia	Dynamics and control of large communications satellites 3yr - 1st Inst.	Individual	20,000	38

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Moffat, J.B. Chemistry Waterloo	New catalysts for conversion of methanol to hydrocarbons 3yr - 2nd Inst.	Individual	30,078	35
Mohtadi, F. Chemical Eng. Calgary	Development of an in situ hot vapor process for recovery of heavy oils 3yr - 3rd Inst.	Individual	75,826	35
Molgaard, J. Eng./Applied Sci. Memorial	Ice friction * with P.N.Smith(Memorial) 3yr - 2nd Inst.	Group	54,586	37
Molle, M. Computer Science Toronto	* Principal investigator A.Venetsanopoulos(Toronto) 3yr - 1st Inst.	Group		38
Moon, T.W. Biology Ottawa	Methylhistidine as an index of fish muscle protein turnover * with J.C.Fenwick(Ottawa) 3yr - 2nd Inst.	Group	22,280	39
Moore, R.M. Oceanography Dalhousie	A study of anthropogenic chemical tracers in the Arctic Ocean 3yr - 2nd Inst.	Individual	31,192	37
Moore, R.M. Oceanography Dalhousie	* Principal investigator P.E.Schenk(Dalhousie) 3yr - 2nd Inst.	Group		37
Moo-Young, M. Chemical Eng. Waterloo	Upgrading waste biomass into methane fuel gas by anaerobic fermentation * with J.M.Scharer, C.W.Robinson(Waterloo) 3yr - 1st Inst.	Group	22,200	35
Morissette, S. Génie électrique Sherbrooke	Conversion d'un processeur vectoriel MAP-200 à MAP-300 et interface "I/O scroll"	Appareillage	19,213	38
Morissette, S. Génie électrique Sherbrooke	Réduction du débit numérique PCM et dispositif à commande vocale pour la transmission simultanée de la parole et des données * avec J.P.Adoul,D.Dalle,F.Duval, R.Y.Goulet(Sherbrooke) 3ans - 2ième vers.	Groupe	58,596	38
Morris, R.H. Chemistry Toronto	* Principal investigator M.J.Dignam(Toronto)	Group		35
Moskovits, M. Chemistry Toronto	* Principal investigator M.J.Dignam(Toronto)	Group		35
Mouftah, H.T. Electrical Eng. Queen's	Design innovations in the 2-wire full duplex data transmission 3yr - 2nd Inst.	Individual	35,358	38

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Muggeridge, D.B. Mechanical Eng. Memorial	* Principal investigator D.V.Reddy(Memorial) 3yr - 2nd Inst.	Group		37
Muir, W.E. Agricuilt. Eng. Manitoba	Detection of spoilage of grain and oilseeds in storage * with R.N.Sinha(Manitoba) 3yr - 3rd Inst.	Group	42,805	39
Murphy, E.D. Biology Saskatchewan	Equine chorionic gonadotrophin * with P.F.Flood. F.M.Bristol(Sask.) 3yr - 1st Inst.	Group	35,500	39
Mysak, L.A. Oceanography British Columbia	Intermediate and large-scale motions in the Northeast Pacific Ocean 3yr - 2nd Inst.	Individual	50,130	37
Mysak, L.A. Oceanography British Columbia	* Principal investigator W.J.Emery(B.C.) 3yr - 1st Inst.	Group		37
Nadeau, D. Biologie Sherbrooke	* Chercheur principal F.M.Kimmerle(Sherbrooke)	Groupe		36
Nair, K.K. Biolog. Sciences Simon Fraser	Determination of no-effect and minimum-effect levels of toxicants in animals (rats and fish) * with G.H.Geen, B.A.McKeown,P.C.Oloffs(Simon Fraser) 2yr - 1st Inst.	Group	27,380	36
Nakai, S. Food Science British Columbia	* Principal investigator W.D.Powrie(B.C.) 3yr - 3rd Inst.	Group		36
Napier, D.H. Chem Eng/App Chem Toronto	*Principal Investigator M.J.Dignam(Toronto)	Group		35
Neale, G.H. Chemical Eng. Ottawa	* Principal investigator V.Hornof(Ottawa) 3yr - 2nd Inst.	Group		35
Neilson, T. Biochemistry McMaster	* Principal investigator R.A.Bell(McMaster) 2yr - 2nd Inst.	Group		36
Netsch, H. Génie mécanique Laval	Turbine hydro-électrique de faible et moyenne puissance complètement automatique * avec L.M.Boisvert(Laval) 3ans - 1er vers.	Groupe	20,000	35
Neumann, A.W. Mechanical Eng. Toronto	Energy resources evaluation equipment	Equipment	111,807	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Newcombe, W.R. Mechanical Eng. McMaster	* Principal investigator J. Tlusty (McMaster) 2yr - 2nd Inst.	Group		40
Ng, A.K.H. Physics British Columbia	* Principal investigator J. Meyer (B.C.)	Group		35
Nicholls, D.M. Biology York	Effect of heavy metals on the translation of genetic information in mammalian tissues 3yr - 1st Inst.	Individual	22,406	36
Nicholls, R.W. Physics York	Remote sensing of atmospheric pollutants by gas filter correlation spectrometer 3yr - 2nd Inst.	Individual	41,218	40
Nichols, S.T. Electrical Eng. Calgary	* Principal investigator L.T. Bruton (Calgary) 3yr - 2nd Inst.	Group		38
Nicholson, P.S. Materials Sci. McMaster	Direct thermolysis of water by zirconia composites * with M. Sayer (Queen's) 3yr - 2nd Inst.	Group	49,016	35
Nieboer, E. Biochemistry McMaster	Nickel toxicology 3yr - 2nd Inst.	Individual	38,951	36
Nolan, R.A. Biology Memorial	Biological control of cyst- forming nematodes, especially Globodera rostochiensis, using parasitic fungi 3yr - 3rd Inst.	Individual	36,690	39
Norris, A.R. Chemistry Queen's	* Principal investigator E. Buncel (Queen's) 3yr - 3rd Inst.	Group		36
Norris, G. Geology Toronto	* Principal investigator A.D. Miall (Toronto) 2yr - 1st Inst.	Group		35
O'Brien, P.J. Biochemistry Memorial	* Principal investigator A. Rahimtula (Memorial) 3yr - 1st Inst.	Group		36
Oehlschlager, A.C. Chemistry Simon Fraser	* Principal investigator J.H. Borden (Simon Fraser) 3yr - 3rd Inst.	Group		39
Offenberger, A.A. Electrical Eng. Alberta	Laser fusion research 3yr - 1st Inst.	Individual	95,000	35
Offenberger, A.A. Electrical Eng. Alberta	Ultrafast optical streak camera system	Equipment	90,000	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Ogilvie, K.K. Chemistry McGill	The chemical synthesis of RNA - a major development 3yr - 2nd Inst.	Individual	75,752	40
Olafson, R.W. Biochem./Microbiol. Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Oldham, K.B. Chemistry Trent	Heat storage in metastable liquids * with P.F.Barrett(Trent) 2yr - 2nd Inst.	Group	20,052	35
Oliveira, L.A.F. Botany British Columbia	* Principal investigator T.Bisalputra(B.C.) 2yr - 2nd Inst.	Group		37
Oloffs, P.C. Biolog. Sciences Simon Fraser	* Principal investigator K.K.Nair(Simon Fraser) 2yr - 1st Inst.	Group		36
Ormrod, D.P. Horticultural Sci. Guelph	Impact of sulphur dioxide and nitrogen oxides on economic plants in Canada 3yr - 2nd Inst.	Individual	38,544	36
O'Shaughnessy, D. INRS-Télécomm. Québec-INRS	Speaker variation in speech synthesis and recognition * with M.Lennig,P.Mermelstein(INRS- Québec) 2yr - 1st Inst.	Group	44,000	38
Owen, B.D. Animal Science British Columbia	* Principal investigator R.M.Beames(B.C.) 3yr - 3rd Inst.	Group		39
Owens, J.N. Biology Victoria	* Principal investigator R.P.Pharis(Calgary) 3yr - 2nd Inst.	Group		40
Ozin, G.A. Chemistry Toronto	* Principal investigator M.J.Dignam(Toronto)	Group		35
Packer, J.A. Civil Engineering Toronto	* Principal investigator P.C.Birkemoe(Toronto) 3yr - 2nd Inst.	Group		37
Page, J.A. Chemistry Queen's	The study of trace metals in the marine environment by electroanalysis * with G.W.VanLoon(Queen's) 3yr - 3rd Inst.	Group	20,180	37
Parkinson, D. Biology Calgary	Soil processes as early indicators of terrestrial ecosystem stress 3yr - 1st Inst.	Individual	44,800	36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Parsons, R.R. Physics British Columbia	Elwards vacuum coating system	Equipment	13,000	35
Parsons, T.R. Oceanography British Columbia	* Principal investigator P.J.Harrison(B.C.) 3yr - 1st Inst.	Group		37
Pasupathy, S. Electrical Eng. Toronto	Bandwidth efficient signaling and intersymbol interference reduction in videotex transmission 3yr - 2nd Inst.	Individual	25,845	38
Patterson, D.D. Chemistry McGill	Compatibility of macromolecular mixtures * with L.E.St-Pierre, A.E.Eisenberg,J.Vera, M.R.Kamal(McGill) 3yr - 2nd Inst.	Group	66,840	40
Paul, E.A. Soil Science Saskatchewan	* Principal investigator E.De Jong(Sask.) 3yr - 3rd Inst.	Group		39
Payette, S. Etudes nordiques Laval	Dynamique des systèmes fluviaux et lacustres du Québec nordique * avec M.Allard, J.C.Dionne(Laval) 2ans - 1er vers.	Groupe	52,000	35
Payment, P. Ctre. Rech.-Virol. Québec-IAF	* Chercheur principal J.Lecomte(I.A.F.)	Groupe		40
Payre, G.M.J. Génie chimique Sherbrooke	* Chercheur principal M.C.Delfour(Montréal) 3ans - 1er vers.	Groupe		38
Pearlman, R.E. Biology York	Recombinant DNA technology and site specific mutagenesis *with J.D. Friesen (Toronto) 3yr - 2nd Inst.	Group	77,980	40
Pearson, T.W. Biochem./Microbiol. Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Peck, J. Computer Science British Columbia	* Principal investigator A.G.Fowler(UBC)	Group		38
Pelletier, G.J. Phytologie Laval	* Chercheur principal M.Boulet(Laval) 3ans - 3ième vers.	Groupe		39
Pelton, A.D. Metallurgical Eng. Ecole Polytech.	* Principal investigator C.W.Bale(Ecole Polytech.) 3yr - 2nd Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pepin, H. INRS - Energie Québec-INRS	CO2 laser and modulation equipment	Appareillage	44,010	35
Pepin, H. INRS - Energie Québec-INRS	Data acquisition system	Appareillage	37,600	35
Pepin, H. INRS - Energie Québec-INRS	Reticon et traitement de données	Appareillage	8,370	35
Pepin, H. INRS - Energie Québec-INRS	Production, transport et contrôle des électrons dans les expériences d'interaction laser CO2-matière * avec R.Decoste, P.Lavigne, F.Martin, T.W.Johnston(Qué-I.N.R.S.), P.A.Bélanger(Laval) 3ans - 1er vers.	Groupe	125,000	35
Peter, R.E. Zoology Alberta	Induced spawning of fish by LRH-A 3yr - 1st Inst.	Individual	33,500	39
Peters, E. Metallurgical Eng. British Columbia	Direct liquifaction studies by high pressure hydrogenation of western Canadian coals * with J.K.Brimacombe(B.C.) 3yr - 2nd Inst.	Group	94,690	35
Peterson, L.K. Chemistry Simon Fraser	* Principal investigator D.Sutton(Simon Fraser) 3yr - 3rd Inst.	Group		35
Peterson, R.L. Botany & Genetics Guelph	* Principal investigator K.J.Kasha(Guelph) 3yr - 3rd Inst.	Group		39
Pharis, R.P. Biology Calgary	Forest tree improvement: anatomical, physiological and biochemical approaches to obtaining early and enhanced seed production in pinaceae family conifers * with J.N.Owens(Victoria) 3yr - 2nd Inst.	Group	54,586	40
Phillips, C.R. Chemical Eng. Toronto	Thermal decomposition modelling of Athabasca oil sands 3yr - 3rd Inst.	Individual	85,610	35
Picton, T.W. Medicine Ottawa	* Principal investigator B.W.Tansley(Carleton) 3yr - 2nd Inst.	Group		36
Piggott, M.R. Chemical Eng. Toronto	Tough fibre reinforced plastics 3yr - 1st Inst.	Individual	62,210	40

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Pinfold, T.A. Economics Dalhousie	* Principal investigator L.E.Haley(Dalhousie) 3yr - 3rd Inst.	Group		39
Pinsky, C. Pharm./Therapeutics Manitoba	Cesium: Toxicology and estimation by PIXE technique * with J.S.C.McKee, J.R.Taylor(Manitoba) 2yr - 1st Inst.	Group	30,000	36
Piper, D.J.W. Geology Dalhousie	* Principal investigator D.A.Huntley(Dalhousie) 3yr - 2nd Inst.	Group		37
Plaa, G.L. Pharmacology Montréal	Toxic interactions between water pollutants: trihalomethanes, mirex and kepone * with M.G.Cote, G.Caille(Montréal) 3yr - 3rd Inst.	Group	61,150	36
Plaa, G.L. Pharmacologie Montréal	Potential of haloalkane hepatotoxicity by ketones * avec G.Caillé,M.G.Côté,P.Du Souich(Montréal) 3ans - 1er vers.	Groupe	60,000	36
Poirier, G.G. Biologie Sherbrooke	* Chercheur principal F.M.Kimmerle(Sherbrooke)	Groupe		36
Polanyi, J.C. Chemistry Toronto	* Principal investigator B.P.Stoicheff(Toronto) 3yr - 2nd Inst.	Group		40
Pomeroy, R.K. Chemistry Simon Fraser	* Principal investigator D.Sutton(Simon Fraser) 3yr - 3rd Inst.	Group		35
Pond, G.S. Oceanography British Columbia	Automatic profiling current meter, conductivity, temperature, depth system	Equipment	43,870	37
Pond, G.S. Oceanography British Columbia	Time dependent surface layer properties and circulation in the Strait of Georgia * with W.J.Emery(B.C.) 3yr - 3rd Inst.	Group	49,409	37
Powell, J. Chemistry Toronto	* Principal investigator M.J.Dignam(Toronto)	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Powrie, W.D. Food Science British Columbia	Assessment of comutagenic, antimutagenic and promoting activities of food systems, food components and their metabolites on environmental mutagens and carcinogens * with H.F.Stich, S.Nakai, J.Vanderstoep, H.J.Freeman, W.C.MacDonald, R.H.C.San(B.C.) 3yr - 3rd Inst.	Group	110,070	36
Prasada, E. INRS-Télécomm. Québec-INRS	* Principal investigator E.Dubois(INRS-Québec) 3yr - 1st Inst.	Group		38
Proctor, J.T.A. Horticultural Sci. Guelph	* Principal investigator E.Grodzinski(Guelph) 3yr - 2nd Inst.	Group		39
Protz, R. Land Resource Sc Guelph	* Principal investigator K.M.King(Guelph) 3yr - 3rd Inst.	Group		39
Quilliam, M.A. Chemistry McMaster	* Principal investigator D.R.McCalla(McMaster) 3yr - 1st Inst.	Group		36
Rabenstein, D.L. Chemistry Alberta	The chemistry of heavy metal toxicology 2yr - 2nd Inst.	Individual	34,534	36
Racz, W.J. Pharmacology Queen's	* Principal investigator G.S.Marks(Queen's) 2yr - 2nd Inst.	Group		36
Racz, W.J. Pharmacology Queen's	* Principal investigator E.Buncel(Queen's) 3yr - 3rd Inst.	Group		36
Rahimtula, A. Biochemistry Memorial	Toxic and metabolic effects of crude and treated oils on birds, particularly seabirds * with W.Threlfall, P.O'Brien(Memorial), J.Payne(Fisheries and Oceans) 3yr - 1st Inst.	Group	50,000	36
Randall, D.J. Zoology British Columbia	Burst swimming activity, acid-base regulation and mortality in sea water salmon 3yr - 3rd Inst.	Individual	30,575	37
Rank, G.H. Biology Saskatchewan	Breeding of leafcutter bees for alfalfa pollination at low temperatures 3yr - 3rd Inst.	Individual	18,345	39
Rao, A.V. Nutrition/Food Sci Toronto	* Principal investigator D.J.A.Jenkins(Toronto) 3yr - 1st Inst.	Group		39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Rauser, W.E. Botany & Genetics Guelph	Metallothioneins and metal detoxification in plants 2yr - 2nd Inst.	Individual	22,280	36
Reddy, D.V. Civil Engineering Memorial	Analytical and experimental investigation of the response of certain structures to irregular waves * with D.B.Muggeridge, M.Booton,C.C.Hsiung, M.Arockiasamy(Memorial) 3yr - 2nd Inst.	Group	93,019	37
Reid, I. Materials Sci. Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Reid, J. Eng. Physics McMaster	* Principal investigator E.K.Garside(McMaster) 2yr - 2nd Inst.	Group		38
Reid, L.D. Aerospace Studies Toronto	Advanced manned-simulator facility for research purposes	Equipment	187,500	40
Reinbergs, E. Crop Science Guelph	* Principal investigator B.D.McKersie(Guelph) 3yr - 1st Inst.	Group		39
Rempel, G.L. Chemical Eng. Waterloo	Development of hydrogenation catalysts 3yr - 1st Inst.	Individual	28,690	35
Rempel, G.L. Chemical Eng. Waterloo	Gas chromatograph	Equipment	10,800	35
Reynolds, P.H. Physics/Geology Dalhousie	* Principal investigator J.M.Hall(Dalhousie) 2yr - 1st Inst.	Group		37
Reynolds, P.H. Physics/Geology Dalhousie	* Principal investigator P.E.Schenk(Dalhousie) 3yr - 2nd Inst.	Group		37
Robertson, J.A. Soil Science Alberta	Precision equipment for variable placement of plant nutrients in the soil	Equipment	37,477	39
Robinson, C.W. Chemical Eng. Waterloo	* Principal investigator M.Moo- Young(Waterloo) 3yr - 1st Inst.	Group		35
Robinson, J.B. Environ. Biology Guelph	* Principal investigator K.R.Solomon(Guelph) 3yr - 1st Inst.	Group		36
Robinson, J.E. Aerospace Studies Toronto	* Principal investigator P.C.Stangeby(Toronto) 3yr - 1st Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Robinson, P.T. Geology Dalhousie	* Principal investigator J.M.Hall(Dalhousie) 3yr - 1st Inst.	Group		37
Rogers, R.R. Meteorology McGill	Rain effects on telecommunications 3yr - 3rd Inst.	Individual	23,768	38
Ronald, K. Zoology Guelph	Bioenergetics in seals * with F.W.H.Beamish(Guelph) 3yr - 3rd Inst.	Group	36,690	37
Roy, C. Génie chimique Sherbrooke	Montage d'hydrolyse acide en continu et équipement de caractérisation de l'hydrolysate	Appareillage	8,500	35
Roy, C. Génie chimique Sherbrooke	Saccharification de la biomasse par pyrolyse à pression réduite suivie d'une hydrolyse * avec H.Ménard,E.Chornet, E.L.P.Cayrol(Sherbrooke) 3ans - 1er vers.	Groupe	36,000	35
Roy, J.C. Chimie Laval	Etude de la radioactivité naturelle dans le fleuve St- Laurent et ces affluents 3ans - 1er vers.	Individuelle	16,400	35
Rubin, L.J. Chemical Eng. Toronto	The elimination of trans isomers in hydrogenated oils * with W.F.Graydon,L.L.Diosady(Toronto), B.F.Teasdale(Canada Packers Inc.) 3yr - 1st Inst.	Group	45,000	39
Runeckles, V.C. Plant Science British Columbia	* Principal investigator W.D.Kitts(B.C.) 3yr - 3rd Inst.	Group		39
Runeckles, V.C. Plant Science British Columbia	* Principal investigator G.W.Eaton(B.C.) 3yr - 3rd Inst.	Group		39
Russell, R.D. Geophys./Astron. British Columbia	Geophysical instrumentation * with T.Watanabe(B.C.)	Group	52,344	40
Ryall, P.J.C. Geology Dalhousie	* Principal investigator J.M.Hall(Dalhousie) 2yr - 1st Inst.	Group		37
Safayeni, F.R. Management Sciences Waterloo	* Principal investigator D.W.Conrath(Waterloo)	Group		38
Safe, S.H. Chemistry Guelph	PCBs in humans: identification, biochemistry and toxicology 3yr - 3rd Inst.	Individual	30,575	36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Salama, C.A.T. Electrical Eng. Toronto	Analog CMOS integrated circuits for telecommunications applications 3yr - 2nd Inst.	Individual	47,902	38
Salama, C.A.T. Electrical Eng. Toronto	Development of silicon power field effect transistors for satellite communications applications 3yr - 3rd Inst.	Individual	30,575	38
Salcudean, M. Mechanical Eng. Ottawa	* Principal investigator R.I.L.Guthrie(McGill) 3yr - 3rd Inst.	Group		35
Salinas, J.J. Civil Engineering Carleton	* Principal investigator A.P.S.Selvadurai(Carleton)	Group		35
Samoiloff, M.R. Zoology Manitoba	Short-term assays to determine long-term toxicity of aquatic contaminants * with G.R.B.Webster, W.F.Warwick(Manitoba) 2yr - 2nd Inst.	Group	22,280	36
San, R.H.C. Genetics British Columbia	* Principal investigator W.D.Powrie(B.C.) 3yr - 3rd Inst.	Group		36
Saunders, J.K. Chimie Sherbrooke	* Chercheur principal J.E.Desnoyers(Sherbrooke) 3ans - 1er vers.	Groupe		35
Savoie, L. Diététique Laval	Mise au point d'un appareil de mesure de la qualité des protéines alimentaires * avec G.J.Brisson(Laval) 3ans - 2ième vers.	Groupe	44,560	39
Savoie, L. Diététique Laval	* Chercheur principal G.J.Brisson(Laval) 3ans - 3ième vers.	Groupe		39
Sayer, M. Physics Queen's	* Principal investigator P.S.Nicholson(McMaster) 3yr - 2nd Inst.	Group		35
Scharer, J.M. Chemical Eng. Waterloo	* Principal investigator M.Moo-Young(Waterloo) 3yr - 1st Inst.	Group		35
Schenk, P.E. Geology Dalhousie	Quaternary paleo-oceanography, eastern Canadian Continental Margin * with F.S.Medioli, P.H.Reynolds,R.Moore,A.J.Bowen, D.B.Scott(Dalhousie) 3yr - 2nd Inst.	Group	74,638	37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Schiefer, H.B. Veter. Pathol. Saskatchewan	Fusariomycotoxycosis: studies on immunology, mutagenicity, teratogenicity and chronic toxicity * with K.K.Midha, G.G.Khachatourians(Sask.) 3yr - 2nd Inst.	Group	118,084	36
Schiefer, H.B. Veter. Pathol. Saskatchewan	Effects of dietary lipids and carbohydrates on the myocardium of rats * with J.M.Bell(Sask.) 3yr - 2nd Inst.	Group	48,715	39
Schoenau, G.J. Mechanical Eng. Saskatchewan	* Principal investigator R.W.Besant(Sask.) 3yr - 3rd Inst.	Group		35
Schwaighofer, J. Civil Engineering Toronto	* Principal investigator P.C.Birkemoe(Toronto) 3yr - 2nd Inst.	Group		37
Schwarz, E.J. Génie minéral Ecole Polytech.	* Chercheur principal C.Brooks(Montréal) 2ans - 1er vers.	Groupe		40
Schwerdtner, W.M. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Scott, B. Biology Windsor	Lead neurotoxicity 2yr - 1st Inst.	Individual	29,666	36
Scott, D.B. Geology Dalhousie	* Principal investigator P.E.Schenk(Dalhousie) 3yr - 2nd Inst.	Group		37
Scott, D.S. Chemical Eng. Waterloo	Generation and measurement of high pressure steam-water flows 2yr - 2nd Inst.	Individual	55,032	35
Scott, D.S. Mechanical Eng. Toronto	* Principal investigator R.D.Venter(Toronto) 3yr - 1st Inst.	Group		35
Seabrook, W.D. Biology New Brunswick	Chemistry and physiology of the eastern spruce budworm sex pheromone system and its application to budworm control * with Z.Valenta,E.W.K.Jay(N.E.) 2yr - 1st Inst.	Group	73,333	40
Sealy, S.G. Zoology Manitoba	Dynamics of seabird use of the marine environment in coastal British Columbia 3yr - 1st Inst.	Individual	12,250	37
Seguin, G.E. Electrical Eng. Concordia	* Principal investigator V.K.Bhargava(Concordia) 2yr - 1st Inst.	Group		38

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Seguin, H.J.J. Electrical Eng. Alberta	Glow discharge stabilization with magnetic fields * with C.E.Capjack(Alberta) 3yr - 2nd Inst.	Group	55,700	40
Selvadurai, A.P.S. Civil Engineering Carleton	Effectiveness of hydraulic fracture processes in non homogeneous reservoir systems * with G.E.Bauer,J.A.Goldak, J.J.Salinas(Carleton), P.R.Kry(Esso Resources Canada)	Group	50,000	35
Sen, P.C. Electrical Eng. Queen's	* Principal investigator G.E.Dawson(Queen's) 3yr - 1st Inst.	Group		35
Setterfield, G. Biology Carleton	Development, assessment and application of somatic-cell genetic techniques for improvement of crop plants * with W.A.Keller(Carleton) 3yr - 2nd Inst.	Group	67,954	39
Sevcik, K.C. Computer Science Toronto	* Principal investigator A.Venetsanopoulos(Toronto) 3yr - 1st Inst.	Group		38
Shafai, L. Electrical Eng. Manitoba	Satellite ground station antenna systems for two way communication * with E.Bridges(Manitoba) 3yr - 2nd Inst.	Group	51,244	38
Shafai, L. Electrical Eng. Manitoba	High efficiency satellite and ground station antennas * with E.Bridges(Manitoba) 3yr - 3rd Inst.	Group	30,575	38
Shaykewich, C.F. Soil Science Manitoba	Climatic requirements for corn and soybeans 3yr - 3rd Inst.	Individual	24,460	39
Shelford, J.A. Animal Science British Columbia	Effectiveness and utilization of different sources and types of fibre in dairy cattle rations 3yr - 1st Inst.	Individual	25,000	39
Shinozaki, D.M. Materials Sci. Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Shorthouse, J.D. Biology Laurentian	Implementation of underground food production in Northern Ontario 3yr - 3rd Inst.	Individual	24,460	39
Siddall, J.N. Mechanical Eng. McMaster	* Principal investigator J.Trusty(McMaster) 2yr - 2nd Inst.	Group		40

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Silverberg, N. Oceanography Québec-Rimouski	* Principal investigator E.Sundby(Univ. du Qué.-Rimouski) 3yr - 2nd Inst.	Group		37
Simpson, A.M. Physics Dalhousie	* Principal investigator M.H.Jericho(Dalhousie) 3yr - 2nd Inst.	Group		35
Simpson, G.M. Crop Science Saskatchewan	Selection of drought resistant cereals by hormone analysis 3yr - 1st Inst.	Individual	50,000	39
Singh, R.S. Biology McMaster	Genetics of insecticide resistance in aphids 3yr - 2nd Inst.	Individual	27,850	39
Sinha, N.K. Electrical Eng. McMaster	An adaptive tree speech encoder 3yr - 3rd Inst.	Individual	31,920	38
Sinha, R.N. Graduate Studies Manitoba	* Principal investigator W.E.Muir(Manitoba) 3yr - 3rd Inst.	Group		39
Skarsgard, H.M. Physics Saskatchewan	Fusion research with STOR-I and STOR-M * with A.Hirose(Sask.) 3yr - 1st Inst.	Group	150,000	35
Skura, E.J. Plant Science British Columbia	Human intestinal bacteria: their alpha galactosidases and their potential to produce flatus from non-digestible components of legumes * with E.J.Bowmer(E.C.) 3yr - 2nd Inst.	Group	45,338	39
Slinger, S.J. Nutrition Guelph	* Principal investigator J.W.Hilton(Guelph) 2yr - 2nd Inst.	Group		36
Smith, P.N. Mechanical Eng. Memorial	* Principal investigator J.Molgaard(Memorial) 3yr - 2nd Inst.	Group		37
Smith, R.W. Metallurgical Eng. Queen's	* Principal investigator B.W.Wojciechowski(Queen's) 3yr - 1st Inst.	Group		35
Smith, T.K. Nutrition Guelph	Gas-liquid chromatograph with electron capture detection	Equipment	24,993	36
Smith, T.K. Nutrition Guelph	Identification, quantification, and dietary treatment of fusarium mycotoxicoeses in livestock * with P.A.Gentry, L.G.Young(Guelph)	Group	127,000	36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Smy, P.R. Electrical Eng. Alberta	Cold starting of diesels with plasma ignition * with R.M.Clements(Victoria), J.D.Dale(Alberta) 2yr - 1st Inst.	Group	47,400	35
Snieckus, V.A. Chemistry Waterloo	Toxic products of polycyclic aromatic hydrocarbons in the soil: synthesis and fungal metabolism studies * with H.L.Holland(Brock) 3yr - 3rd Inst.	Group	20,144	36
Solomon, K.R. Environ. Biology Guelph	Method for evaluating the effects of pesticides in the aquatic ecosystem * with L.V.Edgington, F.L.McEwen, N.K.Kaushik, J.B.Robinson, G.R.Stephenson(Guelph) 3yr - 1st Inst.	Group	150,000	36
South, G.R. Biology Memorial	Experimental assessment of urchin-algae-lobster interaction in relation to fishery development * with D.H.Steele(Memorial) 3yr - 1st Inst.	Group	50,000	37
Souza Machado, V. Horticultural Sci. Guelph	* Principal investigator C.M.Switzer(Guelph) 3yr - 3rd Inst.	Group		39
Spiegelman, G.E. Microbiology British Columbia	Hydrocarbon degradation by marine bacteria 3yr - 3rd Inst.	Individual	30,575	37
Spooner, E.T.C. Geology Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Sprague, J.E. Zoology Guelph	Metal toxicity as a factor in reclaiming acid lakes 3yr - 3rd Inst.	Individual	8,439	36
Stangeby, P.C. Aerospace Studies Toronto	Tritium retention in fusion reactor materials * with A.A.Haasz, J.E.Robinson(Toronto) 3yr - 1st Inst.	Group	75,000	35
Stansfield, B.L. INRS - Energie Québec-INRS	* Chercheur principal J.G.Martel(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Steel, C.G.H. Biology York	* Principal investigator K.G.Davey(York) 3yr - 2nd Inst.	Group		36
Steele, D.H. Biology Memorial	* Principal investigator G.R.South(Memorial) 3yr - 1st Inst.	Group		37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Steele, J.E. Zoology Western Ontario	The regulation of sodium concentration in the insect central nervous system 3yr - 3rd Inst.	Individual	3,883	39
Steenaaart, W. Electrical Eng. Ottawa	Digital filter implementation for digital communication systems * with S.Cohn-Sfetcu(Bell Northern Research) 3yr - 1st Inst.	Group	50,000	38
Stein, R.A. Electrical Eng. Calgary	* Principal investigator L.T.Bruton(Calgary) 3yr - 2nd Inst.	Group		38
Stephenson, G.R. Environ. Biology Guelph	* Principal investigator K.R.Solomon(Guelph) 3yr - 1st Inst.	Group		36
Stesky, R.M. Earth/Planet. Sci. Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Stich, H.F. Zoology British Columbia	Can short-term tests for environmental mutagens predict human carcinogenicity. Oral carcinomas of betel nut chewers as a model system 2yr - 1st Inst.	Individual	25,000	36
Stich, H.F. Zoology British Columbia	* Principal investigator W.D.Powrie(B.C.) 3yr - 3rd Inst.	Group		36
Stillman, M.J. Chemistry Western Ontario	Environmental toxicology of cadmium and mercury: interactions of these elements with metal binding proteins and therapeutic agents * with M.G.Chorian,P.A.W.Dean(Western Ontario) 3yr - 2nd Inst.	Group	55,700	36
Stobart, S.R. Chemistry Victoria	Synthetic lube oils. Facilitation of nucleophilic addition to polyaromatics by metal complexation 3yr - 1st Inst.	Individual	54,000	35
Stobbe, E.H. Plant Science Manitoba	* Principal investigator W.Bushuk(Manitoba) 3yr - 3rd Inst.	Group		39
Stoicheff, B.P. Physics Toronto	Laser development and applications * with R.F.Code, A.D.May,H.M.Van Driel,G.A.Kenney-Wallace,J.C.Polanyi, S.C.Wallace(Toronto) 3yr - 2nd Inst.	Group	232,548	40

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Stokes, P.M. Botany Toronto	Benthic plant communities in acid lakes, fluxes of aluminum and benthic faunal interactions * with J.C. Van Loon, N.C. Collins(Toronto) 3yr - 1st Inst.	Group	32,000	36
Stonehouse, D.P. Agricultural Econ. Guelph	* Principal investigator K.M. King(Guelph) 3yr - 3rd Inst.	Group		39
Stott, M.J. Physics Queen's	Theoretical study of materials problems involving hydrogen in metals * with M.J. Stott, E. Zaremba(Queen's) 3yr - 1st Inst.	Group	28,100	35
St-Pierre, C.A. Phytologie Laval	* Chercheur principal M. Boulet(Laval) 3ans - 3ième vers.	Groupe		39
St-Pierre, L.E. Chemistry McGill	* Principal investigator D.D. Patterson(McGill) 3yr - 2nd Inst.	Group		40
St-Pierre, S.A. Physiol./pharm. Sherbrooke	Enterotoxines thermostables de coli d'origine animale * avec R. Lallier(Montréal) 3ans - 1er vers.	Groupe	50,000	39
Strausz, D.P. Chemistry Alberta	Organic geochemical studies of Canadian crude oils 3yr - 1st Inst.	Individual	90,000	35
Streets, R.B. Electrical Eng. Calgary	* Principal investigator L.T. Bruton(Calgary) 3yr - 2nd Inst.	Group		38
Subden, R.E. Botany & Genetics Guelph	A flavour index for purification of french-hybrid white grapes * with J.D. Cunningham, C.A. Fyfe, A.G. Meiering(Guelph) 3yr - 2nd Inst.	Group	27,850	39
Sundby, B. Oceanography Québec-Rimouski	Biogeochemistry of the benthic boundary layer * with N. Silverberg, J. Lebel(Univ. du Qué.-Rimouski) 3yr - 2nd Inst.	Group	55,700	37
Sutherland, W.R.S. Mathematics Dalhousie	* Principal investigator L.E. Haley(Dalhousie) 3yr - 3rd Inst.	Group		39
Sutton, D. Chemistry Simon Fraser	Semi preparative scale high pressure liquid chromatograph	Equipment	32,240	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Sutton, D. Chemistry Simon Fraser	New catalysts for the production and utilization of oil and gas substitutes from coal * with R.K.Pomeroy, L.K.Peterson, F.W.E.Einstein(Simon Fraser) 3yr - 3rd Inst.	Group	61,150	35
Sutton, J.C. Environ. Biology Guelph	Integrated disease management for improved productivity of winter wheat * with R.Hall, B.H.MacNeill, L.A.Hunt, T.J.Gillespie(Guelph) 3yr - 1st Inst.	Group	60,000	39
Swatland, H.J. Animal/Poultry Sc. Guelph	Abattoir detection of PSE pork and dark-cutting beef 3yr - 3rd Inst.	Individual	18,345	39
Switzer, C.M. Environ. Biology Guelph	Breeding triazine resistant crops for new integrated farming systems * with W.D.Beversdorf, V.Souza Machado(Guelph) 3yr - 3rd Inst.	Group	30,575	39
Szarek, W.A. Chemistry Queen's	The production of vitamin C (ascorbic acid) from forestry and agricultural by-products 3yr - 3rd Inst.	Individual	12,230	39
Szarek, W.A. Chemistry Queen's	* Principal investigator A.M.Kropinski(Queen's) 3yr - 1st Inst.	Group		35
Tait, J.S. Biology York	* Principal investigator K.G.Davey(York) 3yr - 2nd Inst.	Group		36
Tait, R.M. Animal Science British Columbia	* Principal investigator R.M.Beames(B.C.) 3yr - 3rd Inst.	Group		39
Tan, Y.H. Medical Biochem. Calgary	* Principal investigator G.M.Gaucher(Calgary) 3yr - 2nd Inst.	Group		40
Tanaka, H. Civil Engineering Ottawa	Air infiltration of high-rise buildings for energy calculation * with Y.Lee(Ottawa) 3yr - 2nd Inst.	Group	27,159	35
Tansley, E.W. Psychology Carleton	Visual and auditory system abnormality correlated with chronic low-level lead and methylmercury intoxication in man and monkey * with J.B.Kelly(Carleton), P.W.Picton(Ottawa) 3yr - 2nd Inst.	Group	8,912	36

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tartar, J. Computer Science Alberta	* Principal investigator W.A.Davis(Alberta)	Group		38
Tavares, S.E. Electrical Eng. Queen's	Fundamentals of security and protocols for computer- communication networks * with P.J.McLane,S.G.Akl,G.H.MacEwen, L.L.Campbell,P.D.Taylor(Queen's) 3yr - 1st Inst.	Group	65,000	38
Tavenas, F. Génie civil Laval	Etude de la compressibilité et de la consolidation des argiles * avec S.Leroueil(Laval) 3ans - 1er vers.	Groupe	69,483	40
Taylor, A.R.A. Biology New Brunswick	* Principal investigator J.A.Findlay(N.B.) 3yr - 1st Inst.	Group		37
Taylor, D.P. Elec. & Comp. Eng. McMaster	Development of a prototype 4 bits/Hz digital radio link 3yr - 2nd Inst.	Individual	61,214	38
Taylor, F.J.R. Oceanography British Columbia	* Principal investigator R.J.Andersen(B.C.) 3yr - 1st Inst.	Group		37
Taylor, J.R. Pathology Manitoba	* Principal investigator C.Pinsky(Manitoba) 2yr - 1st Inst.	Group		36
Taylor, P.D. Math/Statistics Queen's	* Principal investigator S.E.Tavares(Queen's) 3yr - 1st Inst.	Group		38
Telford, W.M. Mining/Metal. Eng. McGill	* Principal investigator C.Brooks(Montréal) 2yr - 1st Inst.	Group		40
Terreault, B. INRS - Energie Québec-INRS	* Chercheur principal J.G.Martel(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Theriault, G. Sci l'activité phys Laval	* Chercheur principal C.Bouchard(Laval) 3ans - 1er vers.	Groupe		40
Thibodeau, L. Ctre. Rech.-Virol. Québec-IAF	* Chercheur principal J.Lecomte(I.A.F.)	Groupe		40
Thiry, P.S. Génie mécanique Ecole Polytech.	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 1er vers.	Groupe		40
Thomas, M.L.H. Biology New Brunswick	* Principal investigator J.A.Findlay(N.B.) 3yr - 1st Inst.	Group		37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Thomas, R.E. Electronics Carleton	* Principal investigator M.A.Copeland(Carleton) 3yr - 2nd Inst.	Group		38
Thomas, R.L. Land Resource Sc Guelph	* Principal investigator K.M.King(Guelph) 3yr - 3rd Inst.	Group		39
Thompson, J.E. Biology Waterloo	Quantitative bioassays for the lethal and sublethal effects of selected chemical toxicants * with C.I.Mayfield,W.E.Inniss, J.Kruuv,J.R.Lepock(Waterloo) 2yr - 2nd Inst.	Group	27,850	36
Thompson, L.U. Nutrition/Food Sci Toronto	* Principal investigator D.J.A.Jenkins(Toronto) 3yr - 1st Inst.	Group		39
Thompson, W.T. Mining/Metal. Eng. McGill	* Principal investigator C.W.Bale(Ecole Polytech.) 3yr - 2nd Inst.	Group		35
Thorpe, T.A. Biology Calgary	Forest improvement: Tissue culture propagation of conifers for reforestation * with D.I.Dunstan(Kelowna Nurseries) 3yr - 1st Inst.	Group	40,000	40
Threlfall, W. Biology Memorial	* Principal investigator A.Rahimtula(Memorial) 3yr - 1st Inst.	Group		36
Tidwell, T.T. Chemistry Toronto	Chemical characterization of wood conversion to liquid fuels * with D.G.B.Boocock(Toronto) 2yr - 2nd Inst.	Group	20,635	35
Timusk, J. Civil Engineering Toronto	Thermal upgrading of residential buildings 3yr - 2nd Inst.	Individual	29,231	35
Tlusty, J. Mechanical Eng. McMaster	Computer aided design manufacturing (2nd instalment of equipment award)	Equipment	43,360	40
Tlusty, J. Mechanical Eng. McMaster	Computer aided design manufacturing * with M.A.Dokainish,H.A.ElMaraghy, R.Kitai,W.R.Newcombe, J.N.Siddall(McMaster) 2yr - 2nd Inst.	Group	137,022	40
Tobe, S.S. Zoology Toronto	An assessment of efficacy and mode of action of third and fourth generation pesticides 3yr - 3rd Inst.	Individual	24,460	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tombaugh, J. Psychology Carleton	* Principal investigator R.F.Dillon(Carleton) 3yr - 3rd Inst.	Group		38
Tomes, D.T. Crop Science Guelph	* Principal investigator K.J.Kasha(Guelph) 3yr - 3rd Inst.	Group		39
Tong, B.Y.P. Physics Western Ontario	* Principal investigator J.W.McGowan(Western Ontario) 3yr - 2nd Inst.	Group		38
Toogood, G.E. Chemistry Waterloo	* Principal investigator D.E.Irish(Waterloo) 3yr - 2nd Inst.	Group		35
Towers, G.H.N. Botany British Columbia	Photobiological activity of natural polyacetylenes 3yr - 3rd Inst.	Individual	85,610	36
Townsley, P.M. Food Science British Columbia	* Principal investigator J.P.Kutney(B.C.)	Group		40
Trass, D. Chemical Eng. Toronto	Grinding of coal-in-oil slurries 3yr - 3rd Inst.	Individual	73,380	35
Trass, D. Chemical Eng. Toronto	Simultaneous grinding and beneficiation of coal 3yr - 2nd Inst.	Individual	26,068	35
Tremblay, A. Education physique Laval	* Chercheur principal C.Bouchard(Laval) 3ans - 1er vers.	Groupe		40
Tremblay, A.V. Médecine vét. Montréal	* Chercheur principal K.J.Betteridge(Montréal) 3ans - 1er vers.	Groupe		39
Tremblay, G.R. Médecine Montréal	* Chercheur principal G.Drouin(Ecole Polytech.) 3ans - 1er vers.	Groupe		40
Tremblay, R. Physique Laval	Optique intégrée et fibre optique * avec J.Chrostowski(Laval) 3ans - 2ième vers.	Groupe	44,226	38
Trudel, M. Ctre. Rech.-Virol. Québec-IAF	* Chercheur principal J.Lecomte(I.A.F.)	Groupe		40
Trust, T.J. Biochem./Microbiol. Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Tsichritzis, D. Computer Science Toronto	Message management systems	Equipment	26,000	38

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Tsichritzis, D. Computer Science Toronto	Message management systems * with F.H.Lochoovsky, A.D.Mendelzon(Toronto) 3yr - 1st Inst.	Group	69,000	38
Tuck, D.G. Chemistry Windsor	The efficiency of electrochemical oxidation processes 3yr - 2nd Inst.	Individual	20,052	35
Tung, M.A. Food Science British Columbia	Thermophysical studies for improved food processes 3yr - 3rd Inst.	Individual	24,460	39
Tung, M.A. Food Science British Columbia	Thermal processing system	Equipment	39,950	39
Turner, L.E. Electrical Eng. Calgary	* Principal investigator L.T.Bruton(Calgary) 3yr - 2nd Inst.	Group		38
Unny, T.E. Civil Engineering Waterloo	* Principal investigator K.G.T.Hollands(Waterloo) 3yr - 1st Inst.	Group		35
Uzumeri, S.M. Civil Engineering Toronto	* Principal investigator P.C.Birkemoe(Toronto) 3yr - 2nd Inst.	Group		37
Valenta, Z. Chemistry New Brunswick	Capillary gas chromatograph	Equipment	17,714	40
Valenta, Z. Chemistry New Brunswick	* Principal investigator J.A.Findlay(N.B.) 3yr - 1st Inst.	Group		37
Valenta, Z. Chemistry New Brunswick	* Principal investigator W.D.Seabrook(N.B.) 2yr - 1st Inst.	Group		40
Van Andel, H. Physique Montréal	* Chercheur principal J.G.Martel(Qué.-I.N.R.S.) 3ans - 1er vers.	Groupe		35
Vanderstoep, J. Food Science British Columbia	* Principal investigator W.D.Powrie(B.C.) 3yr - 3rd Inst.	Group		36
Van de Voort, F.R. Food Science Guelph	Application of infra red spectroscopy to food analysis * with D.Biggs(Guelph) 3yr - 1st Inst.	Group	39,200	39
Van Driel, H.M. Physics Toronto	* Principal investigator B.P.Stoicheff(Toronto) 3yr - 2nd Inst.	Group		40

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Van Huystee, R.B. Plant Science Western Ontario	* Principal investigator N.P.A.Huner(Western Ontario) 3yr - 1st Inst.	Group		39
Vanicek, P. Surveying Eng New Brunswick	* Principal investigator D.E.Wells(N.B.) 3yr - 1st Inst.	Group		37
VanLoon, G.W. Chemistry Queen's	* Principal investigator J.A.Page(Queen's) 3yr - 3rd Inst.	Group		37
Van Loon, J.C. Geology & Chemistry Toronto	* Principal investigator P.M.Stokes(Toronto) 3yr - 1st Inst.	Group		36
Van Oers, W.T.H. Physics Manitoba	Measurement of (p.alpha) total cross sections for Al and Si for the development of micro- electronic computer components 2yr - 2nd Inst.	Individual	8,244	38
Veizer, J. Geology Ottawa	Geologic buffering of the global carbon cycle * with P.Fritz(Waterloo), B.Jones(Alberta) 3yr - 1st Inst.	Group	26,800	37
Venart, J.E.S. Mechanical Eng. New Brunswick	Bivalent heat pumps with storage; I agricultural applications to greenhouse heating * with A.C.Mendes de Sousa(N.B.) 3yr - 1st Inst.	Group	44,450	35
Venetsanopoulos, A. Electrical Eng. Toronto	Underwater acoustics and signal processing 3yr - 2nd Inst.	Individual	22,280	37
Venetsanopoulos, A. Electrical Eng. Toronto	Multiple access in satellite networks * with M.Molle, K.C.Sevcik(Toronto) 3yr - 1st Inst.	Group	29,640	38
Venter, R.D. Mechanical Eng. Toronto	Engineering development of a Canadian fuel cell technology * with D.McCammond,D.S.Scott, C.A.Ward,M.J.Dignam(Toronto), A.B.P.Lever(York) 3yr - 1st Inst.	Group	198,000	35
Vera, J. Chemical Eng. McGill	* Principal investigator D.D.Patterson(McGill) 3yr - 2nd Inst.	Group		40
Verma, D.P.S. Biology McGill	Crop improvement through genetic engineering for symbiotic nitrogen-fixation 3yr - 2nd Inst.	Individual	68,678	39

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Volesky, B. Chemical Eng. McGill	Biochemical production of hydrogen gas 3yr - 3rd Inst.	Individual	17,489	35
Von Borstel, R.C. Genetics Alberta	Effect of mode of repair on mutagen interactions * with P.J.Hastings(Alberta) 2yr - 2nd Inst.	Group	55,700	36
Vo-Van, T. Physique/math Moncton	Etude des surfaces sélectives pour les capteurs solaires * avec G.Bosi, F.E.Girouard(Moncton) 2ans - 2ième vers.	Groupe	22,280	35
Vranesic, Z.G. Electrical Eng. Toronto	Local computer communication networks * with V.C.Hamacher, S.G.Zaky(Toronto) 3yr - 2nd Inst.	Group	94,690	38
Wallace, S.C. Chemistry Toronto	* Principal investigator B.P.Stoicheff(Toronto) 3yr - 2nd Inst.	Group		40
Walsh, D. Physics McGill	Plasma tube for 171-01 Kr + laser and CVM-41 evaporation	Equipment	23,069	35
Walsh, D. Physics McGill	Photovoltaic solar cell * with G.Donnay(McGill) 3yr - 1st Inst.	Group	45,000	35
Walton, J.S. Animal/Poultry Sc. Guelph	* Principal investigator G.J.King(Guelph) 3yr - 1st Inst.	Group		39
Wangersky, P.J. Oceanography Dalhousie	Effect of nutrient and population stress on excretion of organics by phytoplankton 3yr - 2nd Inst.	Individual	33,420	37
Wangersky, P.J. Oceanography Dalhousie	* Principal investigator R.G.Ackman(N.S.T.C.) 3yr - 2nd Inst.	Group		37
Ward, C.A. Mechanical Eng. Toronto	* Principal investigator R.D.Venter(Toronto) 3yr - 1st Inst.	Group		35
Wardlaw, N.C. Geology & Geophys. Calgary	* Principal investigator J.W.Costerton(Calgary) 3yr - 1st Inst.	Group		35
Warman, P.R. Ren. Resources Macdonald Coll.	* Principal investigator E.McKyes(Macdonald College) 3yr - 1st Inst.	Group		39
Warren, R.A.U. Microbiology British Columbia	* Principal investigator R.C.Miller(B.C.) 2yr - 2nd Inst.	Group		35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Warwick, W.F. Soil Science Manitoba	* Principal investigator M.R.Samoiloff(Manitoba) 2yr - 2nd Inst.	Group		36
Watanabe, T. Geophys./Astron. British Columbia	* Principal investigator R.D.Russell(B.C.)	Group		40
Watkinson, A.P. Chemical Eng. British Columbia	* Principal investigator J.K.Brimacombe(B.C.) 2yr - 1st Inst.	Group		35
Watkinson, A.P. Chemical Eng. British Columbia	* Principal investigator N.Epstein(B.C.) 3yr - 2nd Inst.	Group		35
Watson, A.K. Plant Science Macdonald Coll.	* Principal investigator E.McKyes(Macdonald College) 3yr - 1st Inst.	Group		39
Wayman, M. Chemical Eng. Toronto	Oil-bearing microbes: microbial systems for liquid fuels 3yr - 2nd Inst.	Individual	38,990	35
Weatherly, G.C. Metal/Mat. Science Toronto	Alloy development for hydrogen storage in the hydrogen economy * with C.B.Alcock, F.D.Manchester(Toronto)	Group	41,000	35
Weaver, D.S. Mechanical Eng. McMaster	2 channel Fourier analyzer	Equipment	36,026	35
Webster, G.R.E. Soil Science Manitoba	* Principal investigator M.R.Samoiloff(Manitoba) 2yr - 2nd Inst.	Group		36
Weedon, A.C. Chemistry Western Ontario	* Principal investigator J.R.Bolton(Western) 3yr - 2nd Inst.	Group		35
Wehrhahn, C.F. Animal Res. Ecol. British Columbia	* Principal investigator P.A.Larkin(B.C.) 3yr - 3rd Inst.	Group		39
Wells, D.E. Surveying Eng New Brunswick	Integrated navigation microprocessor equipment	Equipment	20,000	37
Wells, D.E. Surveying Eng New Brunswick	Marine geodesy * with P.Vanicek(N.B.) 3yr - 1st Inst.	Group	76,000	37
Wertheimer, M.R. Génie-physique Ecole Polytech.	Appareillage pour recherches sur silicium amorphe (a-Si: H)	Appareillage	43,412	35

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wertheimer, M.R. Génie physique Ecole Polytech.	Piles photovoltaïques à base de silicium amorphe * avec A.Yelon, J.F.Currie, S.Galarneau(Ecole Polytech.), J.L.Brebner, J.Destry, R.W.Cochrane, Y.Lépine, J.L'Ecuyer, C.J.J.Brassard, J.P.Martin(Montréal) 2ans - 2ième vers.	Groupe	95,670	35
West, G.F. Physics Toronto	Electrical exploration for petroleum, uranium, coal, and geothermal energy * with R.N.Edwards, R.C.Bailey, G.D.Garland(Toronto) 3yr - 2nd Inst.	Group	44,560	35
West, F.R. Chemistry Victoria	* Principal investigator A.T.Matheson(Victoria) 3yr - 1st Inst.	Group		36
Westlake, D.W.S. Microbiology Alberta	* Principal investigator S.Wolfe(Queen's) 2yr - 2nd Inst.	Group		40
Whitney, N.J. Biology New Brunswick	* Principal investigator J.A.Findlay(N.B.) 3yr - 1st Inst.	Group		37
Wiebe, J.P. Zoology Western Ontario	Effects of lead on testicular endocrinology in the developing male 2yr - 2nd Inst.	Individual	34,345	36
Wiesner, K. Chemistry New Brunswick	* Principal investigator J.A.Findlay(N.B.) 3yr - 1st Inst.	Group		37
Wigfield, D.C. Chemistry Carleton	Characterization and dose response of heme biosynthesis to lead and heavy metal dications * with B.R.Hollebone(Carleton) 3yr - 3rd Inst.	Group	5,982	36
Wiles, D.R. Chemistry Carleton	Environmental protection and radioactive waste management * with P.Mainwaring(Carleton) 2yr - 2nd Inst.	Group	33,420	35
Will, G.T. Civil Engineering Toronto	* Principal investigator P.C.Birkemoe(Toronto) 3yr - 2nd Inst.	Group		37
Williams, H. Geology Memorial	Geophysical compilation maps of the Atlantic margin of North America 3yr - 1st Inst.	Individual	41,000	37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Williams, J.P. Botany Toronto	Effect of environmental factors on lipid synthesis and fatty acid desaturation in crop plants 3yr - 3rd Inst.	Individual	18,345	39
Wills, B.L. Systems Design Waterloo	* Principal investigator D.W.Conrath(Waterloo)	Group		38
Wilson, N.W. Mechanical Eng. Windsor	* Principal investigator W.G.Colborne(Windsor) 2yr - 1st Inst.	Group		35
Wilton, J.W. Animal/Poultry Sc. Guelph	* Principal investigator S.D.Jones(Guelph) 3yr - 2nd Inst.	Group		39
Wittke, P.H. Electrical Eng. Queen's	* Principal investigator P.J.McLane(Queen's) 3yr - 2nd Inst.	Group		38
Wojciechowski, E.W. Chemical Eng. Queen's	Fischer tropsch and related syntheses * with R.W.Smith(Queen's) 3yr - 1st Inst.	Group	44,000	35
Wolfe, S. Chemistry Queen's	Novel beta lactams by mutational biosynthesis * with D.W.S.Westlake(Alberta) 2yr - 2nd Inst.	Group	77,980	40
Wong, J.W.N. Computer Science Waterloo	* Principal investigator J.W.Mark(Waterloo) 3yr - 3rd Inst.	Group		38
Wong, J.W.N. Computer Science Waterloo	* Principal investigator E.G.Manning(Waterloo) 3yr - 2nd Inst.	Group		38
Wood, C.M. Biology McMaster	Physiological studies on the toxicity of environmental acid to freshwater fish, amphibians and crustaceans * with D.G.McDonald(McMaster) 3yr - 1st Inst.	Group	55,000	36
Wood, J.M. Chemistry Guelph	The molecular basis for metabolite excretion by bacteria: L-proline production by Escherichia coli K12	Individual	15,000	39
Wright, P.M. Civil Engineering Toronto	* Principal investigator P.C.Birkemoe(Toronto) 3yr - 2nd Inst.	Group		37
Wroblewski, J.S. Oceanography Dalhousie	Mathematical modeling of factors governing recruitment in fisheries 3yr - 3rd Inst.	Individual	22,014	37

1.2. Strategic Grants / Subventions thématiques (continued / suite)

Name Department University	Purpose of Grant	Type	Amount \$	Panel
Nom Département Université	But de la subvention	Genre	Montant \$	Comité
Wroblewski, J.S. Oceanography Dalhousie	* Principal investigator C.M.Boyd(Dalhousie) 3yr - 2nd Inst.	Group		37
Yates, P. Chemistry Toronto	* Principal investigator A.D.Miall(Toronto) 2yr - 1st Inst.	Group		35
Yelon, A. Génie physique Ecole Polytech.	* Chercheur principal M.R.Wertheimer(Ecole Polytech.) 2ans - 2ième vers.	Groupe		35
Young, L.G. Animal/Poultry Sc. Guelph	* Principal investigator T.K.Smith(Guelph)	Group		36
Zaky, S.G. Electrical Eng. Toronto	* Principal investigator Z.G.Vranesic(Toronto) 3yr - 2nd Inst.	Group		38
Zaremba, E. Physics Queen's	* Principal investigator M.J.Stott(Queen's) 3yr - 1st Inst.	Group		35
Zentilli, M. Geology Dalhousie	* Principal investigator J.M.Hall(Dalhousie) 2yr - 1st Inst.	Group		37
Zouros, E. Biology Dalhousie	* Principal investigator L.E.Haley(Dalhousie) 3yr - 3rd Inst.	Group		39
Zucker, S.W. Electrical Eng. McGill	* Principal investigator M.D.Levine(McGill)	Group		40

1.3. PRAI Grants (Project Research Applicable in Industry)/Subventions
PRAI (Projets de recherche avec applications industrielles)

Name Department University	Purpose of Grant	Amount
		\$
Nom Département Université	But de la subvention	Montant
		\$
Aitcin, P.C. Génie civil Sherbrooke	Utilisation par l'industrie du béton de la poussière de silice des fournaises à arc produisant du silicium et du ferrocilicium (avec S.K.W. Canada Inc., Bécancour, PQ)	29,050
Bayoumi, M.M. Electrical Eng. Queen's	Application of multivariable self- tuning regulators in paper machine (with Sentrol Systems Ltd., Downsview, ON)	24,500
Biringer, P.P. Electrical Eng. Toronto	Determination of reflected arc resistance in melting and smelting furnaces (with Hatch Associates Ltd., Toronto, ON)	55,000
Borden, J.H. Biological Sciences Simon Fraser	Pheromone-based management of ambrosia beetle pests in industrial timber processing areas (with MacMillan Bloedel Ltd., Vancouver; Pacific Logging Co., Ltd., Victoria, BC)	54,230
Brown, J.D. Eng. Science & Chemical Physics Western Ontario	Three dimensional dopant profile characterization in semiconductor devices using secondary ion mass spectrometry (with Bell-Northern Research Ltd., Ottawa, ON)	92,000
Burke, P.E. Electrical Eng. Toronto	Special reactors for solid state power conversion (with Trench Electric Company of Canada, Scarborough, ON)	61,500
Camarero, R. Mathématiques appl. Ecole Polytechnique	Calcul numérique d'écoulement en turbomachine (avec Les Ateliers d'Ingénierie Dominion Ltée, Montréal, PQ)	32,000
Costerton, J.W. Biology Calgary	Detoxification of drilling sumps by addition of adapted bacteria and suitable nutrients (with Pan Technical Industries Calgary, Alberta & Seapure Systems, Calgary, AB)	60,500
Elmasry, M.I. Electrical Eng. Waterloo	SI-MESFETS for analog and digital low- integrated circuits (with Linear Technology Inc., Burlington, ON)	50,000
Hoa, S.V. Mechanical Eng. Concordia	Stress analysis for optimum design of fiberglass reinforced plastics vessels (with CPF Dualam Ltd., Montreal, PQ)	60,000
Hoepfner, D.W. Applied Sc. & Eng. Toronto	Fatigue and wear-related research applied to solving gas turbine problems (with Pratt & Whitney Aircraft of Canada Ltd., Longueuil, PQ)	54,000
Iribarne, J.V. Physics Toronto	Ion evaporation mass spectroscopy (with Sciex Ltd., Thornhill, ON)	23,500

1.3. PRAI Grants (Project Research Applicable in Industry)/Subventions
PRAI (Projets de recherche avec applications industrielles)
(continued/suite)

Name Department University	Purpose of Grant	Amount
		\$
Nom Département Université	But de la subvention	Montant
		\$
Jullien, G.A. Electrical Eng. Windsor	Intelligent image processing systems for quality control of manufactured parts (with Diffracto Ltd., Windsor, ON)	43,000
Lever, A.B.P. Chemistry York	Development of analytical techniques for the measurement of tungsten, tin and molybdenum using laser-induced fluorescence (with Scintrex Ltd., Concord, ON)	25,750
Malcolm, M.A. Computer Science Waterloo	System software for microbiology laboratory automation (with QA Laboratories, Etobicoke, ON)	52,000
Marks, A. Medical Research Toronto	Production of monoclonal antibodies to human insulin (with Connaught Research Institute, Willowdale, ON)	30,000
Marsden, D.J. Mechanical Eng. Alberta	Variable geometry sailplane (with Zenair Ltd., Richmond, ON)	95,000
Miller, J.R. Physics York	Water depth mapping by passive optical remote sensing (with Moniteq Ltd., Concord, ON)	72,850
Moran, E.T. Animal & Poultry Sci. Guelph	Feeding Breeder Turkeys (with Cuddy Farms Ltd., Strathroy, ON)	35,000
Neemeh, R.A. Mechanical Eng. Concordia	High-speed compressor-cascade research (with Pratt & Whitney Aircraft of Canada, Longueuil, PQ)	70,500
Ozin, G.A. Chemistry Toronto	Metal vapour synthesis equipment TORROVAP Mark II and III: design construction and testing (with Torrovap Industries Inc., Toronto, ON)	72,800
Paulson, K.V. Physics Saskatchewan	The development of GEDCOM-1: An interactive geophysical computing system (with AVF Investments Ltd., Calgary, AB)	52,000
Pearson, T.W. Biochemistry & Microbiology Victoria	Development of rapid immunochemical tests for clinical diagnosis of <i>Neisseria</i> <i>gonorrhoeae</i> and <i>Chlamydia trachomatis</i> (with MDS Health Group Ltd., Rexdale, ON)	32,050
Polanyi, J.C. Chemistry Toronto	Extension of the Lumonics range of TEA lasers to HCl and HBr (with Lumonics Research Ltd., Kanata, ON)	42,500

1.3. PRAI Grants (Project Research Applicable in Industry)/Subventions
PRAI (Projets de recherche avec applications industrielles)
(continued/suite)

Name Department University	Purpose of Grant	Amount
		\$
Nom Département Université	But de la subvention	Montant
		\$
Rahman, M.A. Engineering Memorial	Development of permanent magnet synchronous motors (with Canadian General Electric Corp., Peterborough, ON)	44,100
Rigaud, M. Génie métallurgique Ecole Polytechnique	Contribution au développement de réfractaires basiques à liaison carbone (avec Dresser Canada inc., Greenville, PQ et Sidbec-Dosco, Contrecoeur, PQ)	64,000
Rochon, G. Photogrammétrie Laval	Traitement d'images au moyen d'un processeur parallèle (avec Dipix Systems Ltée., Ottawa, ON)	65,000
Sankar, S. Mechanical Eng. Concordia	Computer aided optimal design and testing of on-road and off-road motorcycle front forks and shock absorbers (avec Bombardier Ltée., Valcourt, PQ)	87,875
Scanlon, P.J. Physics Queen's	Shallow implanted layers in advanced silicon devices (with Bell-Northern Research Ltd., Ottawa, ON)	53,800
Schwarz, K.-P. Surveying Eng. Calgary	Integration of the inertial survey and the global positioning system for offshore applications (with Sheltech Canada, Calgary, AB)	45,500
Silveston, P.L. Chemical Eng. Waterloo	Flow contraction for clarifiers (with Dorr-Oliver Canada Ltd., Orillia, ON)	10,500
Spinner, I. Chemical Eng. Toronto, Ontario	Low-cost demineralization of brackish or industrial waters using waste or low grade heat (with Eco-Tec Ltd., Toronto, ON)	40,000
Stevens, G.R. Geology Acadia	Computer drawn stereonet orientation diagrams (with I.P. Sharp Associates Ltd., Ottawa, ON)	12,000
Stevens, G.R. Geology Acadia	Digital LANDSAT imagery analysis of regional fracture patterns applied to mineral exploration (with Saarberg Interplan Canada Ltd., Wolfville, NS)	9,560
Svoboda, J.V. Mechanical Eng. Concordia	Development of light aircraft synthetic flight trainer (with CAE Electronics Ltd., St. Laurent, PQ)	160,000

1.3. PRAI Grants (Project Research Applicable in Industry)/Subventions
PRAI (Projets de recherche avec applications industrielles)
(continued/suite)

Name Department University	Purpose of Grant	Amount
Nom Département Université	But de la subvention	Montant
		\$
		\$
Zielinski, A. Engineering & Applied Science Memorial	Sonar Azimuth Positioner (with ICE Engineering, Ltd., St. John's, NF)	48,000

2. RESEARCH MANPOWER AWARDS

2. BOURSES DE MAIN-D'OEUVRE DE RECHERCHE

N.B.: The list of scholarships and fellowships below includes those scholarships and fellowships awarded during the fiscal years 1981-82 or 1980-81 and paid out in full or in part during the fiscal year 1981-82.

La liste des bourses ci-dessous comprend les bourses au cours des exercices financiers 1981-1982 ou 1980-1981 et pour lesquelles des paiements ont été effectués au cours de l'exercice 1981-1982.

2.1. University / Université

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été (1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Aalto, Soren	University of Toronto	Mathematics
Abrahamson, John	University of Guelph	Chemistry
Achal, Stephen	University of Calgary	Physics
Ahrens, Kimberley	Wilfrid Laurier University	Biology
Alanoly, James	Concordia University	Mechanical Engineering
Alberton, Bruno	University of British Columbia	Biology
Alex, Randy	Simon Fraser University	Organic Chemistry
Allwright, James	Saint Mary's University	Astronomy
Anderson, John	University of Toronto	Applied Mathematics
Anthony, Patsy	Memorial University	Organic Chemistry
Antolak, John	University of Alberta	Physics
Armstrong, Douglas	University of Guelph	Biology
Armstrong, David	McMaster University	Physics
Armstrong, Erin	University of Manitoba	Food Sciences
Arnold, Lee	University of Waterloo	Biophysics
Arsenault, Gilles	Mount Allison University	Chemistry
Austin, Wendy	York University	Psychology
Babor, Peter	University of Toronto	Forestry
Bachelard, Hélène	Univ. du Québec à Trois-Rivières	Chimie organique
Backer, Gerald	University of Saskatchewan	Chemical Engineering
Bagnariol, Dino	McMaster University	Structural Engineering
Baines, Kim	Saint Mary's University	Chemistry
Baker, Linda	University of Guelph	Biochemistry
Balicki, Danuta	McGill University	Biology
Balkwill, Daniel	University of Saskatchewan	Chemical Engineering
Bamber, Charles	University of Guelph	Physics
Barbeau, Claire	Université de Montréal	Biochimie
Barber, James	University of Waterloo	Applied Mathematics
Barber, Paul	Queen's University	Psychology
Barclay, Victoria	University of Regina	Chemistry
Barden, Scott	University of Guelph	Clinical Studies
Baribeau, Line	Université Laval	Mathématiques
Baril, Claude	Université de Sherbrooke	Chimie
Barry, Jean-Pierre	Université de Sherbrooke	Chimie
Barton, Michael	Carleton University	Aeronautical Engineering
Barton, Paul	University of Waterloo	Psychology
Battcock, Natalie	Memorial University	Biochemistry
Bauer, Robert	McGill University	Biology
Bautista, Dorothy	Memorial University	Chemistry
Bawden, Kathy	University of Western Ontario	Geological Engineering
Bayly, Christopher	Bishop's University	Organic Chemistry
Beattie, Anne	University of Western Ontario	Zoology
Beaulieu, Gregory	University of Calgary	Botany
Beaulieu, Jean-Marc	University of British Columbia	Physics
Bebb, Richard	University of British Columbia	Microbiology
Beck, Shari	Memorial University	Physics
Bedi, Jagjit	University of Toronto	Civil Engineering
Beedle, Lynda	University of Western Ontario	Chemistry
Bell, Keith	University of Saskatchewan	Earth Sciences
Bell, Robert	University of Waterloo	Computer Science
Belland, Robert	University of Victoria	Microbiology
Belleau, Francine	McGill University	Agricultural Engineering
Beneteau, Paul	University of Windsor	Mechanical Engineering
Benoit, René	Université de Sherbrooke	Génie mécanique
Bergeron, Hélène	Université de Sherbrooke	Chimie

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Berkman, Frances	University of Toronto	Embryology
Bernardo, Theresa	University of Guelph	Embryology
Bernier, Salwa	University of Alberta	Organic Chemistry
Berrada, Samir	McGill University	Mechanical Engineering
Berseth, Wes	York University	Zoology
Betts, Julian	McGill University	Molecular Biology
Bews, Jeff	University of Winnipeg	Physics
Bhattacharya, Janok	Memorial University	Geology
Bird, David	University of British Columbia	Zoology
Bishop, Susan	University of Guelph	Biochemistry
Black, Donald	Dalhousie University	Psychology
Bleau, Pierre	Université de Sherbrooke	Biologie
Blezus, Jeffrey	McMaster University	Nuclear Physics
Bochko, Michael	University of Manitoba	Civil Engineering
Boileau, Alain	Ecole Polytechnique	Génie nucléaire
Boileau, Geneviève	Ecole Polytechnique	Métallurgie
Bois, Bernard	Université du Québec à Chicoutimi	Physique
Boivin, Marc	Université Laval	Génie biochimique
Boon, Anne	University of Waterloo	Microbiology
Boone, Charles	Queen's University	Chemistry
Bordeleau, Luc	Université de Montréal	Chimie
Borland, Marjory	Simon Fraser University	Biology
Bouchard, Daniel	University of Ottawa	Mechanical Engineering
Bouchard, Michel	Université du Québec à Chicoutimi	Physique
Bouré, Ginette	Université de Montréal	Biologie
Bourke, Kevin	Dalhousie University	Chemistry
Bourque, Suzanne	Université Laval	Chimie
Boutin, Céline	University of Western Ontario	Plant Science
Bowen, James	University of Western Ontario	Genetics
Boyd, Felicity	Tech. University of Nova Scotia	Chemical Engineering
Boyd, Katherine	Dalhousie University	Oceanography
Boyd, Rodney	Memorial University	Computer Science
Boyle, Sheila	University of Calgary	Plant Science
Brandl, Susan	University of British Columbia	Food Sciences
Braun, Karen	Wilfrid Laurier University	Experimental Psychology
Brennan, John	University of Waterloo	Mechanical Engineering
Brichell, Peter	York University	Biology
Bridges, Greg	University of Manitoba	Electrical Engineering
Brodeur, Carole	Université de Montréal	Biologie
Brooker, Peter	University of Manitoba	Physics
Brown, Kenneth	University of Toronto	Chemical Engineering
Brown, Rick	Lakehead University	Electrical Engineering
Buckingham-Hader, Karen	McMaster University	Biochemistry
Bugg, James	University of Saskatchewan	Mechanical Engineering
Bui, Tan	Concordia University	Electrical Engineering
Bunn, Steven	University of British Columbia	Microbiology
Burchat, Patricia	University of Toronto	Physics
Burelle, Raymond	Université Laval	Génie mécanique
Burn, Nicholas	Queen's University	Chemical Engineering
Busque, Lambert	Université de Montréal	Chimie
Butler, Stephen	Trent University	Psychology
Butts, Charles	Dalhousie University	Chemistry
Caldick, Peter	University of Toronto	Geology
Calderwood, Stanley	York University	Biology
Caldwell, Curtis	University of British Columbia	Physics

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Caldwell, Marjorie	University of Calgary	Biology
Callfas, Donald	McMaster University	Mathematics
Campbell, Chipman	University of Guelph	Physics
Campbell, Estelle	University of Victoria	Nuclear Physics
Campbell, Mary-Anne	St. Francis Xavier University	Chemistry
Campbell, Rita	Mount Saint Vincent University	Psychology
Campbell, Robert	Queen's University	Chemistry
Campeau, Pierre	Université de Montréal	Géologie
Cardinal, Michel	Université de Montréal	Géographie
Cargill, James	University of Saskatchewan	Electrical Engineering
Carlisle, Elizabeth	Université Laval	Biologie
Caron, Eric	Université de Montréal	Biologie
Caron, Mario	Université de Sherbrooke	Génie électrique
Carroll, Jill	University of Western Ontario	Geochemistry & Mineralogy
Carroll, Kieran	University of Toronto	Aerospace Engineering Science
Carson, Michael	University of Alberta	Genetics
Carswell, Allan	University of Manitoba	Geophysics
Cassis, Irene	University of Lethbridge	Organic Chemistry
Certossi, Susan	Laurentian University	Organic Chemistry
Champagne, Benoit	Ecole Polytechnique	Génie physique
Champagne, Patrick	Ecole Polytechnique	Génie électrique
Chan, Amy	University of Toronto	Botany
Chan, Edmond	University of British Columbia	Astronomy
Chan, Po	Simon Fraser University	Organic Chemistry
Chan, Wai	University of Toronto	Chemistry
Chao, Ema	University of British Columbia	Botany
Chapdelaine, Claire	University of Ottawa	Psychology
Chapman, Colin	University of Alberta	Zoology
Charko, Rod	University of Calgary	Civil Engineering
Châteauvert, Michel	University of Toronto	Virology
Chau, Alexander	University of British Columbia	Civil Engineering
Chen, Dih	University of Western Ontario	Electrical Engineering
Chevrier, John	University of Ottawa	Chemistry
Chiu, Frank	University of British Columbia	Physics
Chow, Henry	University of Saskatchewan	Electrical Engineering
Chow, Moon	University of Toronto	Geography
Choy, Andrew	University of British Columbia	Chemistry
Chu, Stanley	University of Toronto	Zoology
Chu, Yee	University of Toronto	Chemistry
Chui, Cyril	University of British Columbia	Zoology
Chwelos, John	University of British Columbia	Geophysics
Clark, Jane	Queen's University	Chemistry
Clark, Sandra	McMaster University	Engineering Physics
Clarke, Anne	Queen's University	Biology
Clarke, Jeffrey	University of British Columbia	Psychology
Coates, David	Lakehead University	Biophysics
Coatta, Maureen	University of Ottawa	Biochemistry
Cochrane, Alan	McMaster University	Biochemistry
Coderre, Terence	University of Western Ontario	Experimental Psychology
Coggar, Gary	Tech. University of Nova Scotia	Electrical Engineering
Colborne, Brian	University of British Columbia	Psychology
Cole, Christopher	McMaster University	Physical Chemistry
Cole, Roy	Mount Allison University	Biology
Coleman, Patrick	University of British Columbia	Civil Engineering
Collier, Thomas	Carleton University	Organic Chemistry

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Collinson, Karen	University of Alberta	Biology
Conlon, Ronald	University of Western Ontario	Zoology
Contogouris, Myrto	McGill University	Biology
Cook, Daniel	University of Guelph	Engineering
Cook, Victoria	McGill University	Psychology
Coombes, John	McMaster University	Physics
Cooper, Steven	University of Toronto	Electrical Engineering
Corcoran, Paul	University of British Columbia	Microbiology
Corriveau, Michel	McGill University	Electrical Engineering
Cote, Alain	Université Laval	Physique
Cottee, Patricia	University of Alberta	Microbiology
Coulombe, Claude	Université de Montréal	Physique des plasmas
Coulombe, Claude	Centres INRS	Physique
Coulombe, Pierre	Université du Québec à Montréal	Biologie
Coulson, Geoffrey	McGill University	Meteorology
Counts, Rebecca	McMaster University	Plant Physiology
Couture, Gaétan	Université de Sherbrooke	Génie civil
Covello, Patrick	University of Waterloo	Chemistry
Cowan, David	University of Western Ontario	Mathematics
Crandles, David	University of British Columbia	Physics
Crawford, James	University of Waterloo	Computer Science
Cross, Susan	University of Lethbridge	Psychology
Crouch, Thomas	University of Western Ontario	Physics
Cryvellier, Mark	McGill University	Civil Engineering
Cuddeford, Cheryl	Simon Fraser University	Genetics
Culbertson, Joseph	University of New Brunswick	Computer Science
Curnew, George	Concordia University	Biology
Currie, Debra	University of Waterloo	Physiological Optometry
Currie, James	Carleton University	Applied Mathematics
Cutmore, Tim	Lakehead University	Psychology
Dagenais, Michel	Ecole Polytechnique	Génie électrique
Daigle, José	Université de Montréal	Psychologie
Daigneault, Luc	Université de Montréal	Biologie
D'Amico, David	University of Alberta	Physics
D'Andrea, Patricia	McMaster University	Biochemistry
Danielson, Laurie	University of Lethbridge	Chemistry
Davies, Brian	University of Western Ontario	Zoology
Davis, Benjamin	McGill University	Mathematics
Davis, Claytus	Queen's University	Biology
Davis, James	University of Toronto	Aerospace Studies
Davis, Karen	University of Toronto	Zoology
Dawson, Robert	Dalhousie University	Mathematics
Dean, Wendy	Brock University	Biology
Debruyne, Nancy	University of Windsor	Civil Engineering
Deere, Jeffrey	University of Manitoba	Geophysics
Delafield, Susan	Macdonald College	Agronomy
Delorme, Linda	Université de Montréal	Physiologie
Dennie, Carole	Laurentian University	Physical Chemistry
Desgreniers, Serge	University of Victoria	Physics
Deslandes, Johane	Université de Sherbrooke	Physique
Desormeaux, Luc	Carleton University	Electronics & Elect. Eng.
Detillieux, Gilbert	University of Manitoba	Computer Science
Detillieux, Gilles	University of Manitoba	Computer Science
Dewar, Alan	University of Calgary	Mathematics
Di Meglio, Giuseppina	Concordia University	Biology

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Diamond, Catherine	York University	Biology
Dicaire, Nicole	University of New Brunswick	Psychology
Diduch, Ronald	University of Manitoba	Mechanical Engineering
Dielschneider, Thomas	University of Saskatchewan	Nuclear Physics
Dietrich, Camilla	Simon Fraser University	Psychology
Dion, Nicole	Université Laval	Zootecnique
Diraddo, Robert	McGill University	Chemical Engineering
Ditchfield, Glen	University of Manitoba	Computer Science
Ditner, Sandra	University of Waterloo	Marine Ecology
Dixon, Katherine	Univ. of Prince Edward Island	Chemistry
Dixon, Mark	University of Guelph	Physics
Dixon-Warren, St. John	Simon Fraser University	Chemistry
Dobko, Theresa	University of Toronto	Experimental Psychology
Donald, Leslie	Dalhousie University	Chemistry
Dong, Glenn	University of British Columbia	Organic Chemistry
Dong, Sunny	University of British Columbia	Engineering Physics
Donly, Brooke	University of Western Ontario	Genetics
Donnelly, Michael	University of Guelph	Crop Science
Doody, Brian	Queen's University	Electrical Engineering
Doré, Sylvie	Ecole Polytechnique	Génie mécanique
Dorotich, Michael	University of Saskatchewan	Computer Science
Douglas, Joanne	University of British Columbia	Food Sciences
Dowdell, Lynn	University of Western Ontario	Chemistry
Dowsley, Joanne	University of Ottawa	Psychology
Drennan, William	Queen's University	Mathematics
Drewery, Sally	University of Waterloo	Geography
Ducharme, Claude	Ecole Polytechnique	Génie biomédical
Dueck, Corinne	McGill University	Biochemical Engineering
Dufresne, Claude	McGill University	Organic Chemistry
Dugas, Gisèle	Université de Moncton	Biochimie
Durand, Michelle	Macdonald College	Biology
Dyer, Alison	Memorial University	Geography
Eatock, Gaye	University of Saskatchewan	Chemistry
Edwards, Neil	York University	Chemistry
Edwards, Patricia	University of Alberta	Chemistry
Egan, Luke	University of Toronto	Chemistry
Ellerker, Jane	University of New Brunswick	Zoology
Elliott, Deborah	University of Toronto	Plant Ecology
Ellis, Linda	University of New Brunswick	Biology
Ellis, Wenda	Dalhousie University	Psychology
Eng, Hubert	University of Alberta	Microbiology
Engman, Richard	University of British Columbia	Biochemistry
Ertman, Miles	University of Alberta	Physics
Escher, Juliet	University of Victoria	Physics
Evans, Gregory	University of Toronto	Nuclear Engineering
Ewan, Robert	Queen's University	Physics
Facca, Joseph	University of Toronto	Biomedical Engineering
Fafard, Fernand	Ecole Polytechnique	Génie électrique
Faguy, Peter	University of Alberta	Theoretical Chemistry
Falconer, Andrew	University of Ottawa	Biology
Falk, Joel	University of Saskatchewan	Physics
Falkenberg, Peter	University of Ottawa	Experimental Psychology
Farkas, Martha	Macdonald College	Entomology
Faught, John	University of Calgary	Organic Chemistry
Faulkner, Lindy	University of Waterloo	Geology

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Fauvel, Sylvain	Université de Montréal	Informatique et recherches opér.
Faveri, Gail	University of Manitoba	Civil Engineering
Ferris, Fay	University of Calgary	Psychology
Filseth, Eric	York University	Physics
Fischer, Danny	McGill University	Microbiology
Fischer, Lynn	University of Guelph	Biology
Fisher, Douglas	University of Alberta	Electrical Engineering & Control Eng.
Fisher, Sharon	University of Guelph	Nutrition
Fitzsimmons, Michael	University of Waterloo	Animal Science
Flanagan, Lawrence	University of Alberta	Botany
Fleming, Blair	Memorial University	Biochemistry
Fleming, Scott	University of Toronto	Embryology
Flipo, Denis	Université du Québec à Montréal	Biologie
Flood, Diane	University of Waterloo	Physiology
Floyd, Mark	University of Guelph	Physics
Fontaine, Richard	Université de Sherbrooke	Mathématiques
Ford, Glenn	University of Victoria	Biochemistry
Ford, Robert	University of Toronto	Astronomy
Forgues, Daniel	Université de Montréal	Physique
Forgues, Daniel	Centres INRS	Physique
Forrest, Brian	University of Alberta	Mathematics
Forsyth, Donald	University of Regina	Systems Engineering
Fortier, Denis	University of Victoria	Chemistry
Fortier, Guy	University of Alberta	Electrical Engineering
Foster, Vera	Wilfrid Laurier University	Experimental Psychology
Fournier, Paul	Université Laval	Physiologie
Foyle, Timothy	University of British Columbia	Biology
Frail, Dale	Acadia University	Physics
Francis, Robert	University of Toronto	Electrical Engineering
Frank, Charles	University of Windsor	Chemistry
Fraser, Roydon	University of Regina	Physics
Frederick, Bradley	University of Western Ontario	Chemistry
Frick, Deborah	University of Guelph	Chemistry
Friesen, Kathleen	University of Calgary	Statistics
Friskin, Barbara	University of Toronto	Physics
Fritz, Ernest	University of Manitoba	Mechanical Engineering
From, Milton	University of Manitoba	Physics
Fruetel, Karen	University of Western Ontario	Chemistry
Fullerton, Alexander	University of Toronto	Astronomy
Fung, Barry	University of British Columbia	Civil Engineering
Furuya, Katryn	McMaster University	Chemistry
Gagnon, Yves	Université Laval	Physique
Gallant, Gary	Tech. University of Nova Scotia	Industrial Engineering
Gallow, Deborah	University of Guelph	Biology
Galloway, Anne	University of Victoria	Biochemistry
Gaudet, Daniel	York University	Applied Mathematics
Gauthier, Guy	Ecole Polytechnique	Génie élec. & génie informatique
Gauthier, Robert	Laurentian University	Physics
Gavlas, Shirley	McGill University	Microbiology
Gayowski, Tim	McMaster University	Chemistry
Gazdewich, Jerome	University of Saskatchewan	Physics
Gee, Gavin	University of Alberta	Electrical Engineering

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Genadry, Walid	Concordia University	Mechanical Engineering
Genge, Peter	Memorial University	Biology
Giardina, Lillo	Concordia University	Mechanical Engineering
Gibbs, Brian	University of British Columbia	Psychology
Giles, Kathryn	Queen's University	Biology
Gill, Glenn	Dalhousie University	Organic Chemistry
Gillis, Darren	Dalhousie University	Oceanography
Ginder, John	McGill University	Mechanical Engineering
Gingras, Denis	University of Ottawa	Civil Engineering
Girard, Maurice	University of Western Ontario	Astronomy
Givis, Ronald	University of Toronto	Experimental Psychology
Glazebrook, Victoria	University of Alberta	Geology
Glendenning, Brian	Univ. of Prince Edward Island	Physics
Glosli, James	Simon Fraser University	Physics
Goertz, Deborah	University of Ottawa	Biology
Goertzen, Arnold	Brock University	Mathematics
Gollish, Shaun	University of Toronto	Mechanical Engineering
Gooding, Robert	University of British Columbia	Theoretical Physics
Gopnik, Morgan	McGill University	Geography
Gordon, Donald	University of Toronto	Biology
Gordon, Mitchell	University of British Columbia	Mathematics
Gottlob, Sylvia	University of Ottawa	Biology
Gough, Craig	McGill University	Biochemistry
Gowan, Edward	University of Guelph	Animal Science
Graham, Donald	University of Guelph	Biology
Grant, Caroline	University of Toronto	Biology
Gratto, Kelly	Acadia University	Biology
Gratton, Denis	Université de Sherbrooke	Géographie
Gravel, Alain	Ecole Polytechnique	Génie électrique
Gravel, Rémi	Univ. du Québec à Trois-Rivières	Mathématiques
Green, Brian	University of Calgary	Physics
Green, James	University of Windsor	Chemistry
Green, Martin	University of Manitoba	Electrical Engineering
Greene, Frederick	Dalhousie University	Biology
Greenwood, Dale	University of Waterloo	Mathematics
Grenke, Ellen	Carleton University	Psychology
Grillmair, Carl	University of Calgary	Physics
Guenet, Elaine	University of British Columbia	Psychology
Gumley, Nigel	University of Guelph	Physiology
Hagan, Pamela	University of Western Ontario	Mathematics
Hagan, Robert	University of Saskatchewan	Pharmacology
Hagen, Anna	University of Ottawa	Chemistry
Hall, Alison	St. Francis Xavier University	Chemistry
Hall, Nancy	University of Guelph	Chemistry
Hamilton, Lora	Laurentian University	Biochemistry
Hanson, Robert	Simon Fraser University	Experimental Psychology
Harbus, Robert	University of Saskatchewan	Computer Science
Hare, Ian	Memorial University	Physics
Harris, Paul	University of Toronto	Physics
Harrison, Shirley	University of Alberta	Systems Engineering
Hart, Bradd	University of Waterloo	Mathematics
Hart, Trevor	University of Alberta	Mathematics
Harvey, Jane	University of British Columbia	Biochemistry
Hashem, Khaled	University of Ottawa	Chemistry
Hayward, Ryan	Queen's University	Mathematics & Computer Science

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Heard, Robert	University of Toronto	Metallurgy
Heick, Lisa	Wilfrid Laurier University	Plant Physiology
Heiderich, Karen	University of Toronto	Physics
Henrich, Douglas	University of Toronto	Mathematics
Henshaw, Paul	University of Western Ontario	Chemistry
Hewitt, Colin	University of Toronto	Forestry
Heyman, Marsha	McGill University	Microbiology
Hickerson, John	University of Manitoba	Microbiology
Hickson, Judith	Brandon University	Geography
Higson, Nigel	Dalhousie University	Mathematics
Hill, Bradley	University of Calgary	Biology
Hill, James	University of Alberta	Chemistry
Hince, Gerald	Carleton University	Biology
Hodgins, David	Carleton University	Psychology
Hoeve, John	Lakehead University	Biology
Hogan, Michael	University of Toronto	Physics
Holcroft, Anne	University of Calgary	Biology
Hollander, Barbara	Concordia University	Psychology
Hollbach, Susan	Queen's University	Computer Science
Holmes, Charlotte	University of Lethbridge	Psychology
Horney, Sandra	University of Guelph	Nutrition
Hoult, Stephen	University of Waterloo	Mechanical Engineering
Hourihan, Colleen	Saint Mary's University	Psychology
Howard, Stephen	University of British Columbia	Organic Chemistry
Hrvatin, Stefano	University of Waterloo	Electrical Engineering
Hughes, Karen	Lakehead University	Physics
Hunter, Allen	University of British Columbia	Chemistry
Hunter, Catherine	University of Guelph	Animal Science
Hurst, Donald	Lakehead University	Chemical Engineering
Hurst, Graham	Queen's University	Chemistry
Husband, Brian	University of Alberta	Plant Ecology
Huschilt, John	University of Windsor	Nuclear Physics
Hutten-Czapski, Peter	Mount Allison University	Chemistry
Hyslop, Kevin	University of Calgary	Geology
Ingram, Mark	University of Waterloo	Computer Science
Irwin, David	University of Guelph	Genetics
Ishida, Sandra	University of British Columbia	Computer Science
Ives, Nadine	Carleton University	Biology
Iwanochko, Robert	University of Toronto	Botany
Jackson, Catherine	University of Alberta	Mathematics
Jackson, Lauren	University of Victoria	Biology
Jacobson, Sheldon	McGill University	Applied Mathematics
Jaworski, Richard	University of Manitoba	Statistics
Jeeves, Nicholas	University of Toronto	Botany
Jenkins, Thomas	McMaster University	Engineering Physics
Jewell, Deborah	McMaster University	Chemistry
Joannis, Robert	University of Ottawa	Electrical Engineering
Joffe, Risha	University of Calgary	Psychology
Johnson, Robert	University of British Columbia	Physics
Johnstone, Barbara	University of British Columbia	Poultry Science
Jollimore, Nadine	University of Toronto	Chemical Engineering
Jollymore, John	Dalhousie University	Biology
Jourard, David	University of Guelph	Applied Mathematics
Joyce, Paul	Acadia University	Plant Physiology
Juneau, Celine	Université Laval	Sciences de l'alimentation

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Kahane, Adam	University of Toronto	Physics
Kanter, Dorothea	University of Guelph	Veterinary Medicine
Karam, Gerald	University of Ottawa	Electrical Engineering
Kardash, Kenneth	University of Manitoba	Organic Chemistry
Karlen, Dean	University of Toronto	Physics
Karsan, Aly	Queen's University	Biology
Kay, Nancy	Concordia University	Biology
Keating, Craig	University of Alberta	Forestry
Kelland, Janice	Memorial University	Chemistry
Kelly, Bridget	Mount Saint Vincent University	Nutrition
Kelly, Karen	University of New Brunswick	Biology
Kendrick, Victoria	University of Victoria	Biology
Kennedy, John	McMaster University	Nuclear Engineering
Kennedy, Sharon	Carleton University	Physics
Kervin, John	University of Waterloo	Mechanical Engineering
Khan, Sheema	McGill University	Chemistry
Khandkar, Sheela	University of British Columbia	Biophysics
Kiely, David	University of Manitoba	Civil Engineering
Kingshott, Lori	University of Toronto	Chemical Engineering
Kirchner, Erich	University of Alberta	Electrical Engineering
Klemes, Ivo	University of Toronto	Mathematics
Klippenstein, Stephen	University of British Columbia	Chemistry
Kmet, Stephen	University of Alberta	Mathematics
Knaus, Maria	University of Manitoba	Nutrition
Knee, Lewis	Memorial University	Physics
Knill, Kathryn	University of Western Ontario	Computer Science
Knipping, Randolph	McMaster University	Psychology
Koenig, Hans	University of Calgary	Inorganic Chemistry
Kohnen, William	McGill University	Electrical Engineering
Komer, Billy	University of Waterloo	Mathematics
Kondziolka, Douglas	University of Toronto	Parasitology
Konforti, Boyana	York University	Biology
Konzelman, Charles	University of Manitoba	Mechanical Engineering
Kort, John	University of Manitoba	Agriculture
Kozelj, Miran	University of Toronto	Geochemistry & Mineralogy
Kozelj, Tom	McGill University	Electrical Engineering
Krause, Edward	Queen's University	Electrical Engineering
Krause, Jeffrey	University of Western Ontario	Electrical Engineering
Kremer, John	University of Toronto	Civil Engineering
Krentz, Richard	Simon Fraser University	Chemistry
Krizanc, Danny	University of Toronto	Computer Science
Kroeker, David	University of Alberta	Physics
Kroeker, Randall	University of Winnipeg	Physics
Krolick, Philip	University of Toronto	Chemistry
Kruselnicky, Bohdan	University of Toronto	Zoology
Kunanec, Susan	University of Guelph	Physical Chemistry
Kurtz, Geoffrey	University of Manitoba	Computer Science
Kyle, Rodney	York University	Geophysics
La Gaipa, Diane	University of Windsor	Biology
Lacoursière, Claude	Université de Montréal	Informatique et recherches opér.
Lafortune, Denis	Université de Montréal	Psychologie
Lai, Kon	University of Toronto	Electrical Engineering
Lalonde, Michèle	Université du Québec à Montréal	Chimie
Lam, Barry	University of British Columbia	Chemistry
Lam, Mayda	University of British Columbia	Chemistry

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Lamarche, Philippe	University of Ottawa	Civil Engineering
Lambert, Stephan	University of Waterloo	Mechanical Engineering
Lamoureux, Michael	Université de Montréal	Mathématiques
Lamping, Anthony	University of Waterloo	Chemical Engineering
Landva, Jörn	University of New Brunswick	Civil Engineering
Lane, Howard	University of Saskatchewan	Chemical Engineering
Lane, Martin	University of Alberta	Chemistry
Langille, Peggy	Mount Saint Vincent University	Biology
Langlet, Eric	Université de Montréal	Mathématiques
Lau, Harold	University of British Columbia	Biology
Lawler, Margaret	McMaster University	Genetics
Le Comte, Michel	Université de Moncton	Psychologie
LeBlanc, John	University of New Brunswick	Chemical Engineering
Leblanc, Michel	University of New Brunswick	Electrical Engineering
Leckie, Wayne	Simon Fraser University	Physics & Mathematics
Leduc, Eugene	University of British Columbia	Microbiology
Lee, Alison	University of Toronto	Computer Science
Lee, Cropthorne	University of Toronto	Structural Engineering
Lee, Carolyn	Simon Fraser University	Chemistry
Lee, Nelson	University of British Columbia	Chemistry
Lee, Rosanna	University of British Columbia	Computer Science
Lee, William	University of Alberta	Plant Ecology
Lefebvre, Denis	Université de Sherbrooke	Mécanique des sols
Lefrançois, Michel	Université Laval	Zootéchnie
Leger, Daniel	Université de Moncton	Chimie
Leggott, Mark	University of Calgary	Entomology
Lemelin, Dario	Centres INRS	Microbiologie
Lenz, Paul	University of Waterloo	Electrical Engineering
Leonard, Peter	Laurentian University	Astronomy
Leppmann, Karl	Queen's University	Psychology
Leroux, Brian	Carleton University	Statistics
Leslie, Allan	University of British Columbia	Chemistry & Chemical Engineering
Letendre, Sylvie	Ecole Polytechnique	Génie civil
Létourneau, Martin	Centres INRS	Chimie
Leung, Tamara	University of British Columbia	Genetics
Li, Albert	University of Toronto	Engineering
Liblong, Breen	University of Calgary	Computer Science
Lim, Anthony	University of British Columbia	Chemistry
Lim, Khoon	University of British Columbia	Chemistry
Linehan, Patrick	Dalhousie University	Chemistry
Lipsius, Ron	University of Toronto	Mathematics
Liscano, Ramiro	University of New Brunswick	Mechanical Engineering
Lischkoff, James	University of Toronto	Civil Engineering
Lister, Janet	University of Windsor	Biochemistry
Litchfield, David	McMaster University	Biochemistry
Locke, Andrea	University of Guelph	Marine Ecology
Loewen, Philip	University of Alberta	Applied Mathematics
Long, Ross	University of Manitoba	Civil Engineering
Longo, Janice	Brock University	Chemistry
Looi, Mark	University of British Columbia	Mathematics
Loranger, Maryse	Université de Montréal	Mathématiques
Lord, Frank	Université de Moncton	Physique et mathématiques
Lowe, Wayne	University of Toronto	Mathematics & Statistics
Lowther, Ronald	University of Calgary	Geotechnical Sciences

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Lozinski, Steven	McMaster University	Engineering Physics
Lu, Steven	McGill University	Mathematics & Physics
Lucescu, Melodie	Brock University	Psychology
Lui, Harvey	University of British Columbia	Biochemistry
Lui, Paul	University of British Columbia	Structural Engineering
Lutze-Wallace, Bryan	University of New Brunswick	Biochemistry
Lyons, Michael	McGill University	Physics
MacAulay, Calum	Dalhousie University	Physics
MacDonald, Lynne	Dalhousie University	Biology
MacDonell, Martin	Saint Mary's University	Physics
Macerollo, Catherine	University of Guelph	Mathematics & Statistics
Macey, Donna	University of Victoria	Biology
MacKinnon, Anna-Marie	University of British Columbia	Chemistry
MacLaren, Donna	Wilfrid Laurier University	Experimental Psychology
MacLaurin, Cindy	Brock University	Physics
MacMillan, Doug	University of Waterloo	Biochemistry
MacNearney, Alison	Acadia University	Computer Science
MacRae, James	University of British Columbia	Psychology
Macson, Lynda	Brandon University	Zoology
Mah, Kelly	University of British Columbia	Physics
Mah, Peter	University of British Columbia	Microbiology
Mailhot, Frédéric	Ecole Polytechnique	Génie physique
Mailhot, Guy	McGill University	Civil Engineering
Mailhot, Louis	Université de Montréal	Informatique et recherches opér.
Mair, Benjamin	University of Guelph	Physics
Makaroff, Sylvia	Simon Fraser University	Molecular Biology
Malouin, François	Université de Sherbrooke	Biologie
Mandelman, Toby	University of Waterloo	Physiological Optometry
Manget, Kanwal	University of Toronto	Mechanical Engineering
Manion, Douglas	University of Ottawa	Civil Engineering
Marcotte, Michel	Université Laval	Science de l'informatique
Mark, Roy	University of Saskatchewan	Chemistry
Markarian, Salpy	McGill University	Mathematics
Markland, Pamela	Concordia University	Electrical Engineering
Markus, Joel	University of Guelph	Physics
Marques, Rolande	Université de Montréal	Chimie
Marrs, Peter	University of British Columbia	Organic Chemistry
Marsh, John	University of Alberta	Experimental Psychology
Martin, Kelly	University of Manitoba	Psychology
Martin, Nicholas	University of Toronto	Mathematics
Martinuzzi, Robert	McGill University	Mechanical Engineering
Mason, Ralph	St. Francis Xavier University	Physics
Massart, David	University of Calgary	Computer Science
Massicotte, Bruno	Université Laval	Génie civil
Massicotte, Jean-Bernard	Ecole Polytechnique	Electronique et génie électrique
Masson, Denis	University of Ottawa	Physics
Matheson, Kimberly	Carleton University	Psychology
Matthews, Christopher	University of Waterloo	Physics
Mavriplis, Cathy	McGill University	Mechanical Engineering
Maynard, Kevin	University of Waterloo	Chemistry
Mayrand, Josée	Université Laval	Education physique
Mazurski, Evalynn	Lakehead University	Psychology
McCabe, Theresa	University of British Columbia	Chemistry

2.1.1. Undergraduate University Summer Research Awards. / Bourses de recherche d'été (1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
McCarragher, Gary	McGill University	Biology
McCaughan, Nancy	University of Saskatchewan	Physics
McClure, Sheila	York University	Physical Chemistry
McDuffie, Kyle	University of Saskatchewan	Chemistry
McEwen, Douglas	University of Western Ontario	Electrical Engineering
McFarlane, Joanna	McGill University	Chemistry
McGhee, Peter	University of New Brunswick	Physics
McGibbon, Laurie	York University	Physical Education
McGregor, Brian	Brandon University	Earth Sciences
McIntosh, Lawrence	University of British Columbia	Biochemistry
McLaren, Jennifer	Mount Saint Vincent University	Psychology
McLean, Anthony	University of Western Ontario	Chemistry
McLean, Brian	University of Toronto	Mechanical Engineering
McNamara, Brian	St. Francis Xavier University	Biology
McNaughton, Jean	Carleton University	Biology
McNaughton, Louise	McGill University	Biochemistry
McTavish, Sheila	McMaster University	Experimental Psychology
Menta, Maneesh	University of Waterloo	Electrical Engineering
Meilleur, Benoit	Ecole Polytechnique	Génie électrique
Meleshko, Dennis	University of Alberta	Zoology
Mellina, Eddy	Macdonald College	Plant Science
Melnyk, Darryl	University of Manitoba	Food Sciences
Meneghini, Quirino	Université de Montréal	Mathématiques
Merchant, Barbara	University of Guelph	Microbiology
Merler, Hadrian	University of British Columbia	Forestry
Merlevede, William	University of Toronto	Physics
Merritt, Robert	Dalhousie University	Physics
Michaud, Yvon	Université Laval	Génie civil
Middleton, Guy	University of Waterloo	Physics
Mildenberger, Joseph	University of Victoria	Physics
Miller, Anne-Frances	University of Alberta	Genetics
Miller, Edward	University of Saskatchewan	Mechanical Engineering
Mills, Brian	McMaster University	Mechanical Engineering
Minkowitz, Joseph	McGill University	Physiology
Mirandette, Pierre	Univ. du Québec à Trois-Rivières	Biologie
Mitchell, Brian	University of Waterloo	Chemistry
Moens, Theodore	York University	Biology
Mohammed, Kim	Dalhousie University	Mathematics
Moir, Robert	Dalhousie University	Biology
Monet, Sophie	Université de Montréal	Science de l'informatique
Montgomery, Craig	McMaster University	Chemistry
Montgomery, Derek	McMaster University	Engineering Physics
Montgomery, Keith	University of Alberta	Geology
Montpetit, Marie-José	Ecole Polytechnique	Génie biomédical
Mooibroek, Marilyn	University of Winnipeg	Chemistry
Morgan, Janice	University of Manitoba	Statistics
Morris, Paul	University of Toronto	Zoology
Morris, Stewart	Queen's University	Electrical Engineering
Morrison, Katherine	McMaster University	Biochemistry
Morson, Denise	University of Toronto	Experimental Psychology
Moser, Lionel	Memorial University	Computer Science
Mosser, Dick	University of Waterloo	Biology
Mougeot, Charles	University of Ottawa	Civil Engineering
Munholland, Janet	University of Guelph	Genetics
Munro, James	University of Lethbridge	Botany

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Murch, Pamela	University of British Columbia	Chemistry
Murdoch, Duncan	University of Waterloo	Statistics
Murdoch, Michele	University of Guelph	Biology
Murnaghan, Fiona	University of British Columbia	Mathematics
Muscudere, John	University of Windsor	Chemistry
Myra, Eric	McMaster University	Physics
Nadeau, Raymond	University of Alberta	Physics
Naylor, Brian	University of Toronto	Forestry
Neilson, Elizabeth	Simon Fraser University	Biology
Nelson, Judith	Simon Fraser University	Biological Science
Newton, Jane	University of British Columbia	Nutrition & Food Science
Ng, To	Simon Fraser University	Mathematics
Ngan, Elton	McMaster University	Experimental Psychology
Nguyen, Binh	Concordia University	Electrical Engineering
Nguyen, Bao	Concordia University	Mechanical Engineering
Nickel, Rodney	University of Saskatchewan	Computer Science
Niederleitner, Joe	University of Alberta	Zoology
Nikolaisen, Laura	University of British Columbia	Chemistry
Nizami, Iftikhar	University of Toronto	Nuclear Physics
Noble, Tony	University of New Brunswick	Physics
Noble, William	University of Waterloo	Biology
Noel, Gaetan	Université Laval	Chimie
Nuss, Bryan	Tech. University of Nova Scotia	Soil Mechanics
O'Donoghue, Louise	Macdonald College	Plant Science
Ogrady, Corinne	Carleton University	Biochemistry
Ohashi, Pam	York University	Molecular Biology
Oichowy, Gerald	University of Alberta	Physics
Oidenburg, Martha	University of Windsor	Geography
Orlando, John	McMaster University	Chemistry
Ortmanis, Andris	McGill University	Mechanical Engineering
Otto, Alex	University of Toronto	Metallurgy & Materials Science
Ouellet, Thérèse	Université Laval	Biochimie
Padley, Brian	York University	Physics
Pancchi, Parmjit	University of Toronto	Astronomy
Pandolfo, Lionel	Université Laval	Physique
Pang, Peter	University of Toronto	Physics & Mathematics
Papakyriakou, Michael	McMaster University	Biomedical Engineering
Papandreou, Zisis	University of Regina	Physics
Paquette, Christian	Université de Montréal	Physique et astrophysique
Paquin, Normand	Queen's University	Physics
Park, Yung	McMaster University	Genetics
Parker, Michael	Carleton University	Mechanical Engineering
Parkinson, Fiona	University of British Columbia	Oceanography
Parsons, Thomas	Tech. University of Nova Scotia	Electrical Engineering
Pauk, Tomas	University of Western Ontario	Chemistry
Pawluski, Kerry	University of Alberta	Organic Chemistry
Pearce, Ronald	University of Toronto	Experimental Psychology
Pearson, William	Queen's University	Electrical Engineering
Peel, Sydney	University of Windsor	Nuclear Physics
Penner, Cynthia	University of Alberta	Plant Science
Penner, Vivian	University of Manitoba	Statistics
Perey, Bertrand	Université de Sherbrooke	Chimie
Perreault-Frenette, N.	Université Laval	Psychologie
Perrier, Bernard	University of Ottawa	Mathematics & Statistics

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Peters, Reginald	Tech. University of Nova Scotia	Agricultural Engineering
Phillips, Stephen	University of Western Ontario	Nuclear Physics
Philp, Paul	McMaster University	Computer Science
Piccinin, Donna	University of Windsor	Civil Engineering
Picher, Jacques	Université Laval	Physique
Piedboeuf, Jean-Claude	Ecole Polytechnique	Génie mécanique
Pieters, Roger	University of Calgary	Chemistry
Piggott, Diana	University of Calgary	Physics
Pilon, Louis	Université de Montréal	Entomologie
Pisters, Peter	University of Western Ontario	Chemistry
Pitcher, Spencer	University of Toronto	Aerospace Studies
Pitre, Alain	Ecole Polytechnique	Génie électrique
Pitre, Cheryl-Lynn	York University	Molecular Biology
Pittman, David	Memorial University	Geophysics
Plamondon, Robert	Université de Sherbrooke	Physique
Planthara, Canute	Concordia University	Electrical Engineering
Platt, Esther	University of Manitoba	Home Economics
Plumb, Sharon	University of Saskatchewan	Computer Science
Pomeroy, Lynn	University of New Brunswick	Chemistry
Porter, Mary-Louise	Memorial University	Biology
Power, Christopher	University of Toronto	Zoology
Preiss, Bruno	University of Toronto	Electrical Engineering
Preugschat, Frank	Simon Fraser University	Biology
Preusser, Steffen	Carleton University	Chemistry
Prohaska, Kimberly	Trent University	Environmental Sciences
Propp, David	University of Toronto	Computer Science
Purdy, Alison	University of Regina	Chemistry
Putt, Mary	University of Manitoba	Botany
Quesnel, Guy	McGill University	Electrical Engineering
Quinlan, Gerald	McGill University	Physics
Quinton, John	University of British Columbia	Biology
Rabjohn, Gordon	University of Waterloo	Civil Engineering
Ragde, Prabhakar	University of Waterloo	Combinatorics & Optimization
Raizen, Marilyn	University of Winnipeg	Biology
Rajguru, Sanjay	Carleton University	Electrical Engineering
Ralph-Edwards, Anthony	University of Toronto	Microbiology
Ramsey, Stuart	University of Waterloo	Civil Engineering
Rao, Babu	Memorial University	Biochemistry
Rapp, Barry	University of Saskatchewan	Soil Science
Raskin, Alan	University of Toronto	Physics
Rasmussen, Colin	University of British Columbia	Biology
Rausch, Margaret	Queen's University	Biology
Rayman, Ruth	McMaster University	Physics
Reeves, Patricia	University of Saskatchewan	Veterinary Medicine
Regehr, Wade	University of Toronto	Physics
Regina, Al	York University	Computer Science
Reid, Mary	University of Guelph	Biology
Remizoff, Mary	Simon Fraser University	Psychology
Remple, Darrell	University of Saskatchewan	Chemistry & Chemical Engineering
Richardson, Gwendolen	University of Ottawa	Pharmacology
Richman, Lisa	University of Toronto	Zoology
Richter, Peggy	University of Ottawa	Biochemistry
Riemland, Elly	Brock University	Chemistry
Rioux, Jacques	Université de Montréal	Mathématiques

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Rioux, Lise	Univ. du Québec à Trois-Rivières	Biochimie
Riseborough, Daniel	Carleton University	Earth Sciences
Risk, Paul	University of Alberta	Biophysics
Ritcey, Anna	Acadia University	Chemistry
Rivin, Igor	University of Toronto	Mathematics
Rivington, Elizabeth	University of Guelph	Biology
Robertson, Andrew	McMaster University	Engineering
Robertson, John	Queen's University	Physics
Robillard, Jacqueline	Université du Québec à Montréal	Biologie
Robinson, Carol	University of Waterloo	Chemistry
Robinson, Margaret	University of Toronto	Biology
Robson, Lynda	University of Toronto	Nutrition
Rocheffort, Suzanne	Dalhousie University	Marine Science
Rogers, Michael	University of Manitoba	Computer Science
Rolko, Michael	University of Toronto	Industrial Engineering
Rolls, Wesley	St. Francis Xavier University	Chemistry
Rooks, Nancy	York University	Biochemistry
Root, John	University of Guelph	Physics
Rosenbaum, Murray	University of Toronto	Organic Chemistry
Rosenbaum, Wilfred	University of Saskatchewan	Computer Science
Ross, Patricia	York University	Biology
Rousseau, Suzanne	Dalhousie University	Biology
Roussev, Rossen	University of Toronto	Astronomy
Rowe, Mary	Memorial University	Computer Science
Rowntree, Paul	University of Waterloo	Chemistry
Roy, Lise	McMaster University	Civil Engineering
Rubino, Mary	Brock University	Psychology
Russell, Brian	Trent University	Geography
Russell, Ronald	University of Windsor	Genetics
Sadler, Margot	University of Guelph	Chemistry
Saettler, Elizabeth	University of Western Ontario	Physics
Salfert, Irene	University of Winnipeg	Biology
Salvador, Denis	McMaster University	Electrical Engineering
Sandeman, Jeffrey	Brandon University	Physics
Sanders, Barry	University of Calgary	Physics
Sanschagrin, David	Bishop's University	Biology
Santerre, Rock	Université Laval	Sciences géodésiques
Saumon, Didier	Université de Montréal	Physique
Scharein, Robert	University of Manitoba	Physics
Schaufele, Frederick	Memorial University	Marine Science
Schmuland, Byron	University of Alberta	Statistics
Scholl, Timothy	University of Windsor	Physics
Schwartzel, Ellen	University of Toronto	Plant Ecology
Schwarz, Elisa	York University	Molecular Biology
Schwarz, Richard	University of Western Ontario	Chemistry
Scott, Heather	Dalhousie University	Biology
Scott, John	University of Guelph	Biochemistry
Scott, Kimberly	Carleton University	Psychology
Scott, Kenneth	University of Calgary	Engineering
Scott, Paula	McGill University	Biology
Secord, James	University of New Brunswick	Surveying Engineering
Selen, Mats	University of Guelph	Physics
Seto, Danny	University of Saskatchewan	Chemical Engineering
Sguigna, Alan	McMaster University	Engineering Physics
Shapiro, Michael	Concordia University	Biology

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Shaul, Lionel	McGill University	Mechanical Engineering
Shaver, Eric	University of Alberta	Physics
Sheedy, Kevin	Carleton University	Electrical Engineering
Shephard, Sarah	University of British Columbia	Chemistry
Shier, Steven	McMaster University	Physics
Shinkoda, Ichiro	University of British Columbia	Physics
Shirley, David	University of Waterloo	Electrical Engineering
Shoskes, Daniel	University of Toronto	Computer Science
Shworak, Nicholas	University of Calgary	Biochemistry
Sigurgeirson, Linda	University of British Columbia	Crop Science
Silver, Donna	McGill University	Psychology
Silverberg, Alexis	York University	Botany
Simard, Sylvain	University of Ottawa	Physics
Simoneau, Claudie	Université de Montréal	Physique
Simpson, Helen	University of Toronto	Virology
Sinervo, Barry	Dalhousie University	Biology
Singh, Jitendra	University of Alberta	Chemistry
Singhai, Rashmi	University of British Columbia	Microbiology
Sinnamon, Gordon	University of Waterloo	Mathematics
Sirois, Alain	Université du Québec à Rimouski	Océanographie
Sivilotti, Massimo	Queen's University	Physics
Sjare, Becky	University of Alberta	Zoology
Slobod, Karen	McGill University	Biochemistry
Smith, Donna	University of British Columbia	Botany
Smith, Kevin	Simon Fraser University	Biology
Smith, Wendy	Queen's University	Physics
Snyder, Ursula	Dalhousie University	Mathematics & Statistics
Sorrell, Barbara	University of Western Ontario	Biophysics
Sotto, Alain	University of Toronto	Applied Mathematics
Sparks, Douglas	University of British Columbia	Civil Engineering
Sproule, Donald	Concordia University	Psychology
Stang, Barry	University of Alberta	Electrical Engineering
Staples, Howard	University of Calgary	Electrical Engineering
Stasiw, Stephen	McMaster University	Mechanical Engineering
Steel, Thomas	McMaster University	Chemistry
Steele, David	University of Saskatchewan	Physics
Steele, Thomas	University of Western Ontario	Applied Mathematics
Stein, Michael	University of Manitoba	Physics
Stevenson, David	University of Saskatchewan	Computer Science
Stewart, Christopher	Univ. of Prince Edward Island	Chemistry
Stiksma, John	University of Alberta	Metallurgical Engineering
Stiver, Warren	University of Toronto	Chemical Engineering
St-Jean, Linda	Centres INRS	Microbiologie
Stobbe, James	University of Western Ontario	Mechanical Engineering
Stuart, Gregory	Dalhousie University	Chemistry
Sturino, Joseph	University of Toronto	Industrial Engineering
Sturtevant, Terrance	University of Waterloo	Physics
Sullivan, Tracy	University of British Columbia	Genetics
Sumner, Robert	University of Saskatchewan	Chemical Engineering
Sung, Kijoon	McGill University	Electrical Engineering
Suominen, Marina	Laurentian University	Chemistry
Sutherland, Dianne	University of Guelph	Psychology
Swain, Mark	Queen's University	Pharmacology
Swartz, David	University of Toronto	Biomedical Engineering
Szatmari, George	Concordia University	Microbiology

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Tagger, Aaron	University of Manitoba	Biochemistry
Taillefer, Eric	McGill University	Mathematics
Taillefer, Louis	University of British Columbia	Physics
Tanchak, Michael	Carleton University	Biology
Tardif, Denis	Université Laval	Génie électrique
Taylor, Kevin	University of Victoria	Chemistry
Taylor, Thomas	University of Alberta	Computer Engineering
Telford, Laura	Carleton University	Psychology
Tenhove, Martin	McMaster University	Mechanical Engineering
Thibault, Daniel	University of British Columbia	Radio Astronomy
Thibault, Pierre	Université Laval	Géodesie et géophysique
Thistle, John	Queen's University	Engineering Physics
Thompson, Guy	University of Waterloo	Animal Physiology
Thompson, Leslie	Carleton University	Biochemistry
Thompson, Stephen	Univ. of Prince Edward Island	Chemistry
Thorne, Robert	University of Manitoba	Biomedical Engineering
Thurtell, John	University of Guelph	Physics
Tighe, Spencer	Queen's University	Psychology
Tiller, Dale	Carleton University	Psychology
Timler, Peter	McMaster University	Civil Engineering
Tjiang, Steven	University of Toronto	Computer Science
Toone, Eric	University of Guelph	Chemistry
Tran, Francis	McMaster University	Nuclear Engineering
Tratt, Matthew	University of Toronto	Aerospace Studies
Tremblay, Marius	McMaster University	Civil Engineering
Tremblay, Pierre	Université Laval	Mathématiques
Tremblay, Serge	McGill University	Agricultural Engineering
Trick, Michael	University of Waterloo	Combinatorics & Optimization
Trimble, Laird	McMaster University	Chemistry
Tritchew, Steve	McMaster University	Engineering Physics
Tromp, John	University of Waterloo	Chemistry
Trottier, Chantal	Université du Québec à Montréal	Statistiques
Tsui, Matthew	University of British Columbia	Biology
Tsui, Ying	University of Calgary	Physics
Tuck, Alan	University of Western Ontario	Zoology
Tumidajski, Peter	University of Toronto	Metallurgy
Turchan, Mark	University of Waterloo	Systems Engineering
Turner, Shirley	Memorial University	Chemistry
Turyk, Peter	University of Waterloo	Mechanical Engineering
Udy, Barbara	University of British Columbia	Plant Science
Valeriote, Matthew	University of Waterloo	Mathematics
Van Aerde, Michel	University of Waterloo	Civil Engineering
Van Bendegem, Jack	University of Toronto	Biology
Van Dalen, Anthony	University of Waterloo	Physics
Van Duyn, Josée	Trent University	Biology
Van Nostrand, Edward	Memorial University	Molecular Science
Van Vliet, Bruce	University of Saskatchewan	Physiology
Van Wettum, Margot	McGill University	Food Sciences
Van Wijngaarden, William	University of Windsor	Physics
Veilleux, Christian	Ecole Polytechnique	Génie physique
Vermeulen, Stephen	University of Calgary	Mechanical Engineering
Versendaal, Jan	University of Alberta	Zoology
Vezina, Paul	Concordia University	Psychology
Vigneault, Gilles	Université Laval	Biologie

2.1.1. Undergraduate University Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu universitaire

2.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Villeneuve, Michel	Université Laval	Ecologie et pédologie
Vineberg, Karen	University of British Columbia	Physics
Vist, Margus	University of Waterloo	Chemistry
Vitalis, Timothy	University of British Columbia	Zoology
Volk, Glen	University of Regina	Mathematics
Volk, Kevin	University of Calgary	Physics
Wagler, Randy	University of Waterloo	Chemical Engineering
Walde, Sandra	University of Calgary	Biology
Walker, Carl	University of Toronto	Biomedical Engineering
Walkey, David	University of Calgary	Electrical Engineering
Ward, Blake	University of Saskatchewan	Computer Science
Wassenaar, Margot	York University	Biochemistry
Watson, Andrew	University of Manitoba	Zoology
Watt, Garth	Mount Allison University	Microbiology
Watt, Jeffrey	University of Calgary	Electrical Engineering
Weaver, Andrew	University of Victoria	Physics
Weber, Marnie	McMaster University	Biochemistry
Webster, Arthur	Queen's University	Electrical Engineering
Wechsler, Daniel	McGill University	Biochemistry
Wehlau, David	University of Western Ontario	Mathematics
Weichman, Peter	University of British Columbia	Physics
Weingartshofer, André	St. Francis Xavier University	Physics
Weintraub, Sara	University of Alberta	Food Sciences
Weir, Robert	University of British Columbia	Physics
Wellon, George	Memorial University	Chemistry
Wellsch, Kenneth	University of Regina	Physics
Wentzell, Peter	Dalhousie University	Chemistry
West, Kenneth	University of Western Ontario	Chemistry
White, Graham	University of Windsor	Chemistry
White, Louise	McGill University	Food Sciences
White, Michael	McMaster University	Biology
Whiteway, Lorne	Dalhousie University	Mathematics
Whittaker, Stephen	McMaster University	Experimental Psychology
Wild, Susan	York University	Geophysics
Williamson, Terry	University of Guelph	Chemistry
Willis, Ronald	University of Alberta	Electrical Engineering
Wirsz, Douglas	Simon Fraser University	Chemistry
Wissink, Maria	University of New Brunswick	Computer Science
Wong, Hector	University of Toronto	Chemistry
Wong, Ivan	University of Toronto	Physics
Wong, Judy	University of British Columbia	Biochemistry
Wong, Tat-Kwan	Queen's University	Physics
Wood, Michael	University of Guelph	Physics
Woodside, Michael	Mount Allison University	Chemistry
Woolgar, Eric	Memorial University	Physics
Wozniak, Peter	University of Guelph	Veterinary Medicine
Wright, Kevin	University of Victoria	Psychology
Yang, Tung	University of Ottawa	Biochemistry
Yeh, Daniel	Queen's University	Biology
Young, Graham	University of New Brunswick	Biology
Young, Lucille	Université de Moncton	Psychologie
Young, Mark	Saint Mary's University	Mathematics
Yu, Paul	University of Toronto	Electrical Engineering
Zilans, Andis	University of Waterloo	Earth Sciences
Zwirewich, Charles	University of Western Ontario	Zoology

2.1. University / Université

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Aardsma, Gerald	University of Toronto	Physics
Aarssen, Lonnie	University of British Columbia	Plant Ecology
Abate, Aldo	McGill University	Structural Engineering
Abbott, Brian	United States	Civil Engineering
Abraham, Diana	University of Western Ontario	Zoology
Abrahams, Mark	Queen's University	Zoology
Abramson, Mark	McGill University	Electrical Engineering
Adam, Allan	University of Waterloo	Nuclear Physics
Adamczewski, Jan	University of Alberta	Animal Science
Afeyan, Bedros	United States	Plasma Physics
Agnew, Gordon	University of Waterloo	Electrical Engineering
Ahern, John	Université Laval	Génie électrique
Ahmad, Darakhshan	Concordia University	Microbiology
Ahmed, Abul	Concordia University	Mechanical Engineering
Ahmed, Hassan	United States	Electrical Engineering
Alex, Randy	Simon Fraser University	Organic Chemistry
Alexander, Lorraine	University of New Brunswick	Chemical Engineering
Alfano, Dennis	University of Toronto	Experimental Psychology
Alfheim, Arne	University of British Columbia	Plasma Physics
Allard, Martine-Henrie	Université Laval	Zoologie
Allen, David	University of Toronto	Biomedical Engineering
Allen, Eric	University of Alberta	Forest Pathology
Allen, Ian	University of Waterloo	Computer Science
Allen, Peter	Tech. University of Nova Scotia	Mechanical Engineering
Ananny, Roy	University of Waterloo	Combinatorics & Optimization
Anderson, Darlene	University of British Columbia	Physical Chemistry
Anderson, James	University of Waterloo	Civil Engineering
Anderson, Paul	University of Alberta	Organic Chemistry
André, Pierre	Université de Montréal	Entomologie
Anholt, Bradley	University of Calgary	Marine Ecology
Ankenmann, Michael	University of Toronto	Geological Engineering
Ansseau-Nuyt, Colette	Université Laval	Foresterie
Antonuk, David	University of Alberta	Electrical Engineering
April, Raymond	Université Laval	Génie biomédical
Arkema, Jan	University of Toronto	Structural Engineering
Armour, Victoria	McMaster University	Experimental Psychology
Armstrong, Anthony	Carleton University	Electronics & Elect. Eng.
Arsenault, Robin	Université Laval	Physique et astrophysique
Arseneau, Donald	University of British Columbia	Chemistry
Asbell, Irwin	United States	Artificial Intelligence
Aspler, Lawrence	Carleton University	Geology
Asselin, Judith	Université de Sherbrooke	Physiologie
Atkinson, Carla	University of British Columbia	Systems & Control Engineering
Attardo, Giorgio	Concordia University	Physical Chemistry
Aubin, Remy	Université de Sherbrooke	Biologie
Aucoin, Jean	Université de Moncton	Psychologie expérimentale
Audet, Céline	Université Laval	Biologie
Avis, Graham	Queen's University	Electrical Engineering
Ayalew, Liyew	Macdonald College	Parasitology
Ayer, Stephen	University of British Columbia	Chemistry
Baba, Donna	University of Waterloo	Experimental Psychology
Babor, Peter	University of Toronto	Forestry
Baddeley, Michael	McGill University	Electrical Engineering
Baetz, Brian	University of Toronto	Civil Engineering

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Baker, Howard	University of Victoria	Marine Science
Balaberda, Randolph	Queen's University	Electrical Engineering
Balazic, John	McGill University	Structural Engineering
Baldwin, Mary	Carleton University	Biology
Ball, Margaret	University of Waterloo	Biology
Balog, Gabe	University of Toronto	Nuclear Physics
Bara, Barry	University of Alberta	Civil Engineering
Barak, Zvi	University of Toronto	Physics
Barber, James	United States	Physics
Barber, Raymond	University of Waterloo	Biology
Barbir, Karim	McGill University	Mechanical Engineering
Bardwell, James	United States	Genetics
Bardwell, Jennifer	University of Western Ontario	Physical Chemistry
Baribeau, Jean-Marc	Université Laval	Physique
Baribeau, Réjean	Université Laval	Physique
Barnhill, Susan	Queen's University	Geology
Barrett, Gary	University of British Columbia	Geography
Barron, John	University of Toronto	Artificial Intelligence
Barry, Dean	University of Guelph	Soil Science
Bartlett, Sheryl	University of Toronto	Statistics
Bashinski, Howard	United States	Psychology
Baskin, Kevin	University of Alberta	Civil Engineering
Basset, Renzo	University of Toronto	Engineering
Baszczyński, Christopher	University of Western Ontario	Genetics
Bauer, Bernard	University of Toronto	Geography
Baxter, David	United States	Physics
Bayley, Peter	Dalhousie University	Oceanography
Bayomi, Dennis	University of Manitoba	Computer Science
Bazerghi, Adel	University of Toronto	Electrical Engineering
Bazin, Claude	Université Laval	Génie des minéraux
Bazin, Renée	Université Laval	Microbiologie
Bazuin, Carol	McGill University	Polymer Chemistry
Beach, Richard	University of Waterloo	Computer Science
Beame, Paul	University of Toronto	Mathematics
Beauchemin, Diane	Université de Montréal	Chimie
Beaudin, Michel	Université de Montréal	Mathématiques
Beaulieu, Norman	University of British Columbia	Electrical Engineering
Beaulieu, Pierre	University of Alberta	Organic Chemistry
Beaupré, Michel	Université du Québec à Montréal	Psychologie expérimentale
Beausoleil, Normand	Ecole Polytechnique	Physique
Beavis, Ronald	University of Manitoba	Biophysics
Beck, Douglas	United States	Nuclear Physics
Bédard, Robert	United States	Mathematics
Beerens, Jean	Université de Sherbrooke	Physique
Bégin, Jean	Université Laval	Foresterie
Bégin, Yves	Université Laval	Géographie
Bégin, Christiane	Université Laval	Psychologie expérimentale
Behr, Monika	Memorial University	Plant Ecology
Beingessner, Sean	Carleton University	Physics
Bélair, Jacques	United States	Applied Mathematics
Bélair, Luc	United States	Mathematics
Bélanger, Alain	Université de Sherbrooke	Mathématiques
Bélanger, Celine	Université de Montréal	Mathématiques
Bell, Lee-Jeff	Queen's University	Mathematics
Bell, Mary-Jane	Carleton University	Chemistry

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Bellamy, Wayne	University of Guelph	Genetics
Belland, Robert	University of Victoria	Microbiology
Belland, René	Memorial University	Botany
Belleville, Sylvie	Univ. du Québec à Trois-Rivières	Psychologie expérimentale
Belliveau, Thomas	McGill University	Physical Chemistry
Belzile, Sylvie	Université du Québec à Rimouski	Océanographie
Bemi, Laurie	University of Calgary	Chemistry
Bennett, Frances	Lakehead University	Forestry
Bennington, Chad	University of British Columbia	Chemistry
Benoit, Gilbert	Université de Montréal	Centre de l'informatique
Benson, Frederick	United States	Mathematics
Bentley, Theodore	University of Alberta	Computer Science
Berdan, Robert	United States	Biology
Bergeron, Denis	University of Toronto	Engineering
Bergeron, Yves	Université de Montréal	Ecologie végétale
Berlin, Daniel	United States	Artificial Intelligence
Béron, Patrick	Ecole Polytechnique	Génie civil
Bertrand, Charles	Université de Montréal	Botanique
Bérubé, Brigitte	Centres INRS	Eau
Bérubé, Gerald	McGill University	Electrical Engineering
Bérubé, Gervais	Université de Sherbrooke	Chimie organique
Bestman, Hendrik	University of Alberta	Plant Science
Bettiol, Michael	University of Toronto	Genetics
Bews, Jeff	University of Manitoba	Physics
Bhanot, Pradeep	University of British Columbia	Microbiology
Bharadwaj, Perdeep	University of Toronto	Physics
Bhayana, Vipin	University of Manitoba	Chemistry
Bhella, Resham	University of Ottawa	Microbiology
Bielajew, Alexander	United States	Nuclear Physics
Binot, Jean-Marie	Université Laval	Foresterie
Bird, Daniel	University of Waterloo	Experimental Psychology
Birk, Michael	Queen's University	Mechanical Engineering
Bischoff, Peter	McGill University	Structural Engineering
Bitton, Joseph	Macdonald College	Agriculture
Black, Geoffrey	University of Guelph	Parasitology
Bladon, Trevor	Carleton University	Molecular Biology
Blahey, Alan	University of Waterloo	Mechanical Engineering
Blodgett, Dale	University of Toronto	Physics
Blok, Vivian	University of Saskatchewan	Environmental Sciences
Blunden, Peter	Queen's University	Nuclear Physics
Boates, Sherman	England	Biology
Bobet, Jacques	University of Waterloo	Biology
Boe, Brian	United States	Mathematics
Boeglin, John	Université de Montréal	Psychologie expérimentale
Boehler, Inga	University of Victoria	Experimental Psychology
Boéré, René	University of Western Ontario	Chemistry
Boiduk, Barbara	Acadia University	Mammalogy & Zoology
Boileau, Paul-Emile	Laurentian University	Physics
Boismenu, Sylvain	Ecole Polytechnique	Science de l'informatique
Boisvenu, Guy	University of British Columbia	Experimental Psychology
Boivin, André	Université de Montréal	Mathématiques
Boivin, Daniel	University of Toronto	Mathematics
Boland, Gregory	University of Guelph	Plant Pathology
Bolter, Caroline	University of Guelph	Entomology
Bondy, Thomas	University of Toronto	Computer Science

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Bonser, John	University of British Columbia	Civil Engineering
Booth, Darcie	University of Toronto	Forestry
Booth, Ian	University of British Columbia	Physics
Boothby, Sharon	York University	Zoology
Boreiko, Rita	University of Calgary	Physics
Borgford, Thor	University of Manitoba	Microbiology
Borland, Marjory	University of British Columbia	Animal Science
Bortolotti, Gary	University of Toronto	Ornithology
Bouchat, François	Université du Québec à Montréal	Géologie
Boucher, Paul	University of Ottawa	Electrical Engineering
Boudreau, Jean-René	Université Laval	Mathématiques
Boudreau, Richard	Université de Sherbrooke	Physique
Bourbonnais, Claude	Université de Sherbrooke	Physique
Bourdon, Elisa	York University	Physics
Bourjolly, Jean-Marie	University of Waterloo	Mathematics
Boutin, Celine	Université Laval	Ecologie végétale
Bowerman, Joy	University of British Columbia	Biology
Bowler, Bruce	United States	Chemistry
Box, Thomas	University of Toronto	Astronomy
Boyd, Sylvia	University of Waterloo	Mathematics
Boyd, John	McGill University	Electrical Engineering
Brac, Timothy	University of Western Ontario	Biology
Bradley, Fred	University of British Columbia	Engineering
Bradley, Richard	United States	Theoretical Physics
Bradley, Cheryl	University of Calgary	Geography
Braid, John	England	Metallurgy
Brandl, Michael	University of Toronto	Organic Chemistry
Brant, Rollin	University of Toronto	Statistics
Bravo, Gina	Université de Sherbrooke	Mathématiques
Bregman, Nina	University of Toronto	Geophysics
Breslin, Paul	University of Waterloo	Computer Science
Brett, Alexandra	University of British Columbia	Experimental Psychology
Brett, Michael	University of British Columbia	Physics
Brewer, Edward	University of Windsor	Nuclear Physics
Briand, Chantal	Université Laval	Entomologie
Briscoe, Harold	University of Toronto	Computer Science
Brisson, Alain	Université Laval	Génie électrique
Brisson, Louise	Université Laval	Phytotechnique
Brodland, Gerald	University of Manitoba	Biomedical Engineering
Brook, Michael	McGill University	Organic Chemistry
Brou, Philippe	United States	Electrical Engineering
Brown, Eric	Queen's University	Electrical Engineering
Brown, William	University of Guelph	Biology
Brown, David	University of Alberta	Chemistry
Brown, Gail	Acadia University	Marine Science
Brown, Patrick	University of Waterloo	Experimental Psychology
Brule, Luc	Ecole Polytechnique	Génie nucléaire
Brunet, Gilbert	Université de Montréal	Physique théorique
Brunton, Ronald	University of Waterloo	Electrical Engineering
Buck, Nicholas	University of British Columbia	Mathematics
Buckland, Gary	University of Alberta	Soil Science
Buist, Richard	McMaster University	Chemistry
Bukkfalvi, Lydia	Ecole Polytechnique	Sciences de l'environnement
Burger, Gene	McMaster University	Metallurgical Engineering
Burgess, Clifford	United States	Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Burlingham, Lorna	University of Toronto	Computer Science
Burn, Donald	University of Waterloo	Engineering
Burnside, Barbara	University of Victoria	Experimental Psychology
Burrell, Robert	University of Waterloo	Marine Science
Burton, Thomas	University of Western Ontario	Inorganic Chemistry
Busch, Allan	University of Toronto	Astronomy
Button, Lyle	University of Saskatchewan	Electrical Engineering
Byrne, Aidan	University of Calgary	Environmental Sciences
Cabanas, Francisco	University of British Columbia	Physics
Cameron, Richard	England	Mathematics
Camirand, Anne	McGill University	Physiology
Camire, Guy	University of Ottawa	Systems Engineering
Campana, Steven	University of British Columbia	Fisheries
Campbell, Lyle	University of Toronto	Theoretical Physics
Campbell, Roderick	Memorial University	Theoretical Physics
Campbell, Johnson	University of Manitoba	Nuclear Physics
Campbell, Lorna	United States	Physics
Camporese, Daniel	University of British Columbia	Electrical Engineering
Cantin, Sylvie	University of Ottawa	Mathematics & Statistics
Capano, Mano	Université de Sherbrooke	Sciences de l'environnement
Capson, David	McMaster University	Electrical Engineering
Carbone, Albert	Concordia University	Electrical Engineering
Carlyle, Phyllis	University of Calgary	Plant Ecology
Caron, Sylvie	Ecole Polytechnique	Génie civil
Caron, Maurice	Université de Sherbrooke	Chimie
Carpentier, Robert	Université Laval	Biochimie
Carr, Geoffrey	McGill University	Experimental Psychology
Carrier, Danielle	Université Laval	Chimie
Carroll, John	University of Alberta	Chemical Engineering
Carson, Michael	United States	Genetics
Cartier, Julie	McGill University	Genetics
Carvalho, Maria	University of Toronto	Nuclear Physics
Carver, Claire	Dalhousie University	Oceanography
Casanova, Christian	Université de Montréal	Neurobiologie
Casey, Gregory	University of Saskatchewan	Microbiology
Cassidy, Daniel	McMaster University	Nuclear Physics
Casson, Evanne	United States	Experimental Psychology
Cater, Stephen	Brock University	Chemistry
Cavell, Patricia	University of Alberta	Geochemistry & Mineralogy
Celliers, Peter	University of British Columbia	Physics
Ceska, Thomas	United States	Biochemistry
Chainey, Daniel	Ecole Polytechnique	Génie géologique
Chamberlain, Mark	University of Waterloo	Mechanical Engineering
Chan, Donald	University of Toronto	Systems Engineering
Chan, Edward	University of Toronto	Computer Science
Chan, Shiu	University of Toronto	Meteorology
Chanway, Christopher	University of British Columbia	Plant Science
Chapleau, Anne-Marie	University of Guelph	Physiology
Charest, Nicole	Germany	Plant Ecology
Charland, Jean-Pierre	Université de Montréal	Chimie
Chartray, Pierre	Université de Montréal	Science de l'informatique
Cheadle, Burns	University of Western Ontario	Earth Sciences
Cheesman, James	University of Waterloo	Experimental Psychology
Cherry, Terrence	University of Waterloo	Computer Science
Chesshire, Geoffrey	United States	Applied Mathematics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Chevalier-Vanderleek, V.	Concordia University	Experimental Psychology
Chew, Graeme	Carleton University	Experimental Psychology
Chiang, Solomon	McMaster University	Chemistry
Chipperfield, Randall	United States	Biology
Chiquette, Johanne	Université Laval	Agronomie
Chisholm, Colleen	McMaster University	Chemistry
Cholakias, Cynthia	University of Toronto	Engineering
Chong, Michael	University of British Columbia	Organic Chemistry
Choptuik, Matthew	University of British Columbia	Theoretical Physics
Chou, Bernt	University of Waterloo	Physiological Optometry
Chouinard, Aline	University of Ottawa	Mathematics
Chouinard, Luc	Ecole Polytechnique	Génie nucléaire
Chouinard, Paul	University of Saskatchewan	Physics
Chow, Nancy	Memorial University	Geology
Chow, Si	University of Toronto	Mechanical Engineering
Chow, Jerry	University of Saskatchewan	Electrical Engineering
Chrétien, Louise	Université de Montréal	Botanique
Chun, Jung-Hoon	United States	Mechanical Engineering
Church, Donald	Tech. University of Nova Scotia	Electrical Engineering
Church, Philip	Université de Montréal	Physique
Cimon, Agathe	Université Laval	Entomologie
Cistera, Vincenzo	Concordia University	Structural Engineering
Clara, Richard	Macdonald College	Microbiology
Clarke, David	Dalhousie University	Experimental Psychology
Clarke, Ellen	University of Toronto	Statistics
Clarke, Hugh	University of Toronto	Biology
Clas, Sophie	McGill University	Polymer Chemistry
Clayton, Murray	United States	Statistics
Clayton, Ross	University of Guelph	Fisheries
Clément, Michel	Macdonald College	Agronomy
Cliff, Gean	United States	Plant Pathology
Clifton, Jane	University of Waterloo	Experimental Psychology
Cobb, Lewis	University of New Brunswick	Engineering
Coffin, John	University of Alberta	Plant Science & Biochemistry
Cohen, Robin	McGill University	Experimental Psychology
Colford, Henry	University of Waterloo	Electrical Engineering
Collette, Anne	University of Guelph	Plant Ecology
Collins, Scott	University of Calgary	Organic Chemistry
Collins, Michael	McMaster University	Chemistry
Colwell, Donald	University of Waterloo	Engineering
Comtois, Paul	Université Laval	Ecologie végétale
Coniglio, Mario	Memorial University	Geology
Connell, Brian	University of New Brunswick	Electrical Engineering
Connors, Martin	University of Calgary	Physics & Astrophysics
Cook, William	McGill University	Structural Engineering
Coombes, Michael	McMaster University	Theoretical Physics
Copps, Patrick	University of Guelph	Entomology
Corless, Robert	University of Waterloo	Applied Mathematics
Corradini, Angela	Carleton University	Experimental Psychology
Côté, Benoît	Université Laval	Physiologie végétale
Coté, Céline	University of Ottawa	Experimental Psychology
Coulombe, Annette	McMaster University	Marine Ecology
Coulombe, Sylvain	Université de Montréal	Chimie
Courteau, Raymond	Univ. du Québec à Trois-Rivières	Physique

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Courtenay, Simon	University of Western Ontario	Fisheries
Cousineau, Pierre	University of Ottawa	Computer Science
Couture, Alain	Université Laval	Génie métallurgique
Couture, Christiane	University of Guelph	Chemistry
Couturier, Michel	Queen's University	Chemical Engineering
Coxson, Darwyn	McMaster University	Biology
Craig, David	University of Toronto	Nuclear Physics
Craig, Stuart	University of British Columbia	Systems & Control Engineering
Cramer, Michael	University of Guelph	Plant Science
Creasey, David	University of Manitoba	Genetics
Crins, William	University of Toronto	Botany
Crowe, Nancy	Macdonald College	Food Sciences
Crutchley, Robert	York University	Chemistry
Cserjesi, Peter	University of British Columbia	Genetics
Curley, Austin	University of Toronto	Computer Science
Curry, Robert	United States	Animal Science
Cutler, Colleen	Carleton University	Mathematics
Cyr, David	University of Waterloo	Plant Physiology
Cyr, Robert	Ecole Polytechnique	Science de l'informatique
Czapor, Stephen	University of Waterloo	Applied Mathematics
Dabrowski, André	United States	Mathematics
Dabrowski, Barbara	York University	Physical Education
Dagenais, Georges	University of Alberta	Geochemistry & Mineralogy
D'Agostino, Paul	McMaster University	Chemistry
Dahn, Jeffery	University of British Columbia	Physics
Daigle, Daniel	University of Toronto	Mathematics
Daigneault, Réal	Ecole Polytechnique	Géologie
Daley, Wade	Carleton University	Engineering
Dalla Volta, Guido	McGill University	Computer Science
Dancosse, Jacques	France	Zoology
Darcie, Thomas	University of Toronto	Aerospace Engineering Science
Darling, Warren	University of Western Ontario	Biosciences
Dassen, Henricus	University of Windsor	Nuclear Physics
Dauphin, Diane	Université du Québec à Montréal	Sciences animales
Davenport, Michael	University of British Columbia	Theoretical Physics
Davidson, Valerie	University of Toronto	Food Sciences
Davidson, Geoffrey	University of Manitoba	Zoology
Davis, Gillian	University of Manitoba	Agriculture
Davis, Sheldon	McGill University	Engineering
Davison, Paul	Queen's University	Electrical Engineering
Dawes, Robin	University of Toronto	Computer Science
De Luca, Ernest	University of Manitoba	Electrical Engineering
De Vernal, Anne	Université de Montréal	Géographie
De Bruyn, John	University of British Columbia	Physics & Meteorology
De Caen, Dominique	University of Toronto	Mathematics
DeCatanzaro, Jennifer	University of Toronto	Botany
Degré, Richard	Macdonald College	Microbiology
Dequire, Paul	Université de Montréal	Mathématiques
Dehaan, Johannes	University of Alberta	Computer Science
Dehaut, François	Université de Montréal	Mathématiques
DeJure, Anita	Dalhousie University	Geology
De Lafontaine, Yves	McGill University	Oceanography
D'Eleuterio, Gabriele	University of Toronto	Aerospace Studies

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Delikatny, Edward	University of British Columbia	Physical Chemistry
Delorme, Daniel	Université de Montréal	Chimie
Delorme, Louis	Université de Montréal	Recherches opérationnelles
Demco, John	University of British Columbia	Computer Science
Demers, Yves	Ecole Polytechnique	Génie physique
Demetrick, Douglas	University of British Columbia	Microbiology & Immunology
DeMille, Beatrice	University of British Columbia	Genetics
Demmer, David	University of Saskatchewan	Physical Chemistry
Denbigh, Kathryn	Carleton University	Experimental Psychology
Denis, Francine	Université de Sherbrooke	Géographie
Depaepe, Karl	United States	Physics
Derksen, Robert	University of Manitoba	Mechanical Engineering
De Robertis, Michael	University of Victoria	Physics & Astrophysics
Des Parois, Hélène	Université de Montréal	Mathématiques
Desbarats, Alexandre	Ecole Polytechnique	Génie géologique
Desbiens, Jocelyn	Université de Montréal	Mathématiques
Desilets, Denis	Université de Montréal	Chimie
Detre, Peter	McGill University	Applied Mathematics
Devon, Michael	Laurentian University	Chemistry
Dew-Jones, Jean	University of Victoria	Nuclear Physics
Deziel, Robert	Université de Montréal	Chimie organique
Dick, John	University of Manitoba	Genetics
Dickson, James	United States	Chemical Engineering
Dickson, Raymond	University of Alberta	Inorganic Chemistry
Dielschneider, Thomas	University of Saskatchewan	Nuclear Physics
Digdon, Nancy	University of Western Ontario	Experimental Psychology
Dijak, Margareta	University of Guelph	Plant Physiology
Dimnik, Leo	University of Calgary	Biology
Dingley, Louis	Memorial University	Experimental Psychology
Dion, Pierre	Université de Moncton	Psychologie expérimentale
Dionne, Benoit	Université Laval	Mathématiques
Di Vergilio, Michel	Université de Montréal	Paléontologie des vertébrés
Dixon, Randolph	University of Waterloo	Mechanical Engineering
Dixon, Walter	England	Plant Science & Biochemistry
Dmytriw, Andrew	University of Toronto	Mathematics
Dobbin, Christopher	University of Waterloo	Polymer Chemistry
Dobinson, Katherine	University of British Columbia	Microbiology
Dodds, Karen	University of Guelph	Microbiology
Doerr, Paul	Carleton University	Electrical Engineering
Dolan, Thomas	United States	Experimental Psychology
Domier, Calvin	University of Alberta	Nuclear Physics
Donaldson, Norman	University of Toronto	Engineering Physics
Donnay, Albert	United States	Environmental Sciences
Doran, James	University of Alberta	Microbiology
Dorbolo, George	University of Waterloo	Physics
Doutre, Don	McGill University	Metallurgy
Down, Norman	University of Guelph	Marine Ecology
Dreisinger, David	Queen's University	Metallurgy
Drouin, Michel	McGill University	Inorganic Chemistry
Dubé, Clément	Université de Sherbrooke	Géographie
Dube, Dominique	Université Laval	Métallurgie
Dube, Denis	Université Laval	Physique
Dube, François	Université Laval	Génie mécanique
Dubin, Daniel	United States	Plasma Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Dubinsky, Richard	York University	Upper Atmosphere Physics
Dubois, Andree	Acadia University	Biology
Dubois, Claude	Université de Montréal	Physique et mathématiques
Dubreuil, Marie	McMaster University	Geography
Dueckman, John	University of Waterloo	Engineering
Duff, Sheldon	University of Western Ontario	Biochemical Engineering
Duffy, James	York University	Experimental Psychology
Dugas, Bernard	McGill University	Mathematics
Dumas, Claude	Université Laval	Psychologie expérimentale
Duncan, David	University of Alberta	Zoology
Duncan, Gary	University of Toronto	Computer Science
Dunkelman, Laurence	McGill University	Computer Science
Dunn, Jeffrey	University of British Columbia	Biochemistry
Dupont, Jacques	Centres INRS	Eau
Dupuis, Hélène	University of Western Ontario	Zoology
Dupuis, Marc	Université Laval	Génie chimique
Dupuis, Clermont	Université de Montréal	Recherches opérationnelles
Dupuis, Paul	Université de Montréal	Chimie
Dupuis, Suzanne	Univ. du Québec à Trois-Rivières	Sciences animales
Duran, Miguel	Ecole Polytechnique	Génie chimique
Durham, Ronald	University of Waterloo	Control Engineering
Duric, Nebojsa	University of Toronto	Radio Astronomy
Dykes, David	University of Toronto	Chemical Engineering
Eager, Derek	University of Toronto	Computer Science
Earle, Jeffrey	Dalhousie University	Experimental Psychology
Eberlein, Sue	University of Alberta	Genetics
Eckert, Robert	University of Waterloo	Computer Science
Edie, Scott	United States	Plant Physiology
Edwards, Geoffrey	Université Laval	Astronomie
Eldridge, Terry	University of British Columbia	Geological Engineering
Elghobary, Mohamed	Université Laval	Génie mécanique
Ellerker, Jane	University of New Brunswick	Parasitology
Elliott, Catherine	United States	Biology
Elliott, James	University of Waterloo	Experimental Psychology
Ellis, Randy	United States	Artificial Intelligence
Ells, Gregory	Acadia University	Genetics
Elson, Rebecca	University of British Columbia	Astronomy
Emery, Louis	University of Ottawa	Theoretical Physics
Emmett, Kathryn	Simon Fraser University	Resource Management
Ens, Erich	University of Manitoba	Physics
Ercit, Scott	University of Manitoba	Geology & Mineralogy
Erickson, Lawrence	University of Guelph	Genetics
Erlandson, Martin	Queen's University	Microbiology
Espie, George	York University	Plant Physiology
Estelle, Mark	University of Alberta	Genetics
Etherington, David	University of British Columbia	Artificial Intelligence
Evans, Hayla	Trent University	Marine Ecology
Evans, Robert	University of Alberta	Chemistry
Evenchick, Carol	Queen's University	Geology
Fabijan, Dorothy	University of Alberta	Plant Science
Faddegon, Bruce	University of British Columbia	Biophysics
Fairbairn, Robert	Macdonald College	Agricultural Chemistry
Falusi, Kathryn	University of Toronto	Forestry
Farkas, Erika	Concordia University	Mathematics
Farnand, Brian	University of Ottawa	Chemical Engineering

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Fauvel, Sylvain	Université de Montréal	Science de l'informatique
Favreau, Marc	Memorial University	Plant Ecology
Fawcett, John	University of Victoria	Applied Mathematics
Fedoruk, James	University of Waterloo	Systems Engineering
Feenstra, Randall	United States	Physics
Feimer, Joseph	University of Waterloo	Engineering
Feldman, Terry	University of Toronto	Inorganic Chemistry
Fenske, David	Simon Fraser University	Biochemistry
Fenton, Gordon	Carleton University	Civil Engineering
Ferguson, Brenda	University of Ottawa	Experimental Psychology
Ferguson, Kathleen	University of Western Ontario	Statistics
Ferland, Mark	McGill University	Experimental Psychology
Ferrari, Jacinta	Macdonald College	Plant Pathology
Ferrie, Frank	McGill University	Computer Science
Ferris, Fay	York University	Experimental Psychology
Festa-Bianchet, Marco	University of Alberta	Animal Science
Fich, Faith	United States	Computer Science
Fiedorowicz, Christina	McGill University	Experimental Psychology
Field, Catherine	University of Toronto	Nutrition
Filteau, Suzanne	University of Guelph	Nutrition
Findlay, Robert	University of Toronto	Mechanical Engineering
Fisher, Richard	University of Toronto	Zoology
Fisher, William	York University	Chemistry
Fisk, John	University of Western Ontario	Experimental Psychology
Fitzgerald, Peter	University of Ottawa	Biology
Fitzsimmons, Brian	United States	Chemistry
Flood, Nancy	University of Toronto	Zoology
Foote, Christopher	University of British Columbia	Ichthyology & Herpetology
Forgie, David	University of Toronto	Civil Engineering
Forrest, Brian	University of Alberta	Mathematics
Forsyth, Sheila	Macdonald College	Plant Science
Forsyth, Donald	Macdonald College	Chemistry
Fortin, Marc	Université Laval	Physiologie
Fortin, Nicole	University of British Columbia	Environmental Sciences
Fortin, Marie	Macdonald College	Plant Science
Foster, Barbara	Dalhousie University	Chemistry
Foster, Robert	University of Toronto	Mechanical Engineering
Fournier, Alain	Université de Sherbrooke	Chimie organique
Fournier, Christine	Université de Montréal	Ecologie végétale
Fowler, Sharon	University of Saskatchewan	Geological Sciences
Fradkin, Aharon	University of Toronto	Plant Pathology
Frank, Mariana	University of Toronto	Physics
Frankel, Sidney	United States	Mathematics
Franklin, Steven	University of Waterloo	Geography
Fraser, David	Simon Fraser University	Biophysics
Fraser, Niall	University of Waterloo	Systems Engineering
Frechette, André	Université de Sherbrooke	Biochimie
Freedman, Wendy	University of Toronto	Astronomy
Freeman, Mark	United States	Physics
Freeman, George	University of Waterloo	Electrical Engineering
Freemark, Kathryn	Carleton University	Animal Science
Frego, Katherine	University of Manitoba	Biology & Botany
Freundorfer, Alois	University of Toronto	Electrical Engineering
Friedman, Evan	University of Toronto	Biomedical Engineering
Friesen, Allan	University of Saskatchewan	Computer Science

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Fritz, Werner	University of Manitoba	Organic Chemistry
Froh, Michael	Queen's University	Electronics & Elect. Eng.
Frost, David	United States	Aeronautical Engineering
Fryxell, John	University of British Columbia	Zoology
Fuh, Ying-Guey	University of Toronto	Physics
Fullerton, John	University of Toronto	Forestry
Fulthorpe, Roberta	University of Toronto	Marine Ecology
Fyles, James	University of Alberta	Biology
Gabel, Paul	McMaster University	Experimental Psychology
Gaboury, Alain	Université de Sherbrooke	Chimie
Gagnon, René	University of Toronto	Mathematics
Gakwaya, Augustin	Université Laval	Génie mécanique
Galarneau, Pierre	Université Laval	Physique nucléaire
Galatsis, Paul	University of Guelph	Organic Chemistry
Gale, Charles	McGill University	Nuclear Physics
Galina, Zvi	Concordia University	Experimental Psychology
Gambino, Gioacchino	University of Toronto	Statistics
Gardiner, Donald	University of Alberta	Electrical Engineering
Garmaise, Gordon	Concordia University	Mathematics
Garrett, Stephen	United States	Genetics
Garrett, Carey	Dalhousie University	Engineering Physics
Garven, Grant	University of British Columbia	Geology
Gauch, Susan	Queen's University	Computer Science
Gaudet, Connie	Carleton University	Animal Science
Gauthier, Georges	Université de Montréal	Chimie
Gauthier, Serge	Université de Sherbrooke	Ornithologie
Gauthier, Sylvie	Université Laval	Nutrition
Gauthier, Louise	McGill University	Computer Science
Gauthier, Sylvie	McGill University	Polymer Chemistry
Genereux, Randy	University of British Columbia	Experimental Psychology
Gervais, Pierre	University of Alberta	Zoology
Ghalbouni, Joseph	McGill University	Civil Engineering
Gibbins, Robert	Carleton University	Electrical Engineering
Gibbs, Simon	University of Toronto	Computer Science
Gibson, Margaret	Queen's University	Experimental Psychology
Gierszewski, Paul	United States	Nuclear Engineering
Gies, Douglas	University of Toronto	Physics & Astrophysics
Gignac, Claude	Ecole Polytechnique	Génie civil
Gilbert, Jeannie	University of Manitoba	Pathology
Gilbert, Mary	University of Western Ontario	Experimental Psychology
Gilbride, Kimberley	University of Guelph	Veterinary Microbiology
Gillespie, Laura	University of Ottawa	Biology
Gillingham, Michael	University of British Columbia	Animal Science
Gillingham, Peter	Carleton University	Electronics & Elect. Eng.
Gillson, George	University of Alberta	Chemistry
Gilman, Michael	McGill University	Computer Science
Girard, Isabelle	Université Laval	Ecologie végétale
Girard, Michel	Carleton University	Chemistry
Girard, Michel	Université de Montréal	Statistiques
Girard, Ralph	Université Laval	Physique
Girard, Réjean	Univ. du Québec à Trois-Rivières	Physique
Girczyc, Emil	Carleton University	Electrical Engineering
Girdlestone, John	United States	Biology
Giroux, Francois	Ecole Polytechnique	Génie géologique
Giunio-Zorkin, Nicholas	University of British Columbia	Oceanography

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Given, John	University of Ottawa	Chemical Engineering
Glinski, Margaret	University of Ottawa	Organic Chemistry
Glosli, James	Simon Fraser University	Physics
Glynn, Peter	United States	Operation Research (Math)
Gobbi, Gian	University of Guelph	Inorganic Chemistry
Godbout, Christian	Université Laval	Physiologie végétale
Godfrey, Stephen	McGill University	Palaeontology
Godin, André	Université de Montréal	Biologie
Godin, James	Carleton University	Biochemistry
Godmaire, Hélène	Université du Québec à Montréal	Ecologie marine
Goettel, Mark	University of Alberta	Entomology
Goetz, Susan	University of Waterloo	Computer Science
Golla, David	University of Toronto	Aerospace Engineering
Goodey, Wayne	University of British Columbia	Science Zoology
Gopnik, Morgan	United States	Geography
Gordon, Heather	Brock University	Chemistry
Gordon, Andrew	United States	Soil Science
Gordon, Isabel	Simon Fraser University	Experimental Psychology
Gormican, Lynne	University of British Columbia	Marine Ecology
Gorowski, Diane	University of Ottawa	Chemical Engineering
Goudey, James	McMaster University	Biology
Gould, Bryan	University of Toronto	Chemical Engineering
Goulding, Richard	University of New Brunswick	Nuclear Physics
Goulet, Pierre	Université de Montréal	Psychologie expérimentale
Gourlay, Patricia	McMaster University	Geography
Gourvil, Louis	Ecole Polytechnique	Génie civil
Gowan, Sharon	Carleton University	Biology
Graham, Lori	University of Calgary	Biochemistry
Graham, Michael	University of Toronto	Plant Physiology
Grant, Cynthia	University of Manitoba	Agronomy
Grant, Donald	United States	Physics
Grant, Martin	University of Toronto	Physics
Grant, Sarah	United States	Genetics
Gratto, Gary	University of New Brunswick	Marine Science
Gratto, Kelly	Acadia University	Botany
Gravel, Alain	Ecole Polytechnique	Génie électrique
Gravel, Claude	Université Laval	Foresterie
Gravel, Louise	Université du Québec à Chicoutimi	Géologie
Gray, Murray	United States	Chemical Engineering
Gray, Stephen	United States	Chemistry
Green-Krotki, Jan	Carleton University	Mathematics
Greenwood, Dale	University of Toronto	Mathematics
Greenwood, Hamilton	Macdonald College	Ornithology
Greer, Charles	McGill University	Microbiology
Greggain, Lance	University of Waterloo	Electrical Engineering
Gregory, Linda	University of Victoria	Physiology
Grenier, Daniel	Université Laval	Chimie
Grice, Stephen	McMaster University	Experimental Psychology
Griffin, Kenneth	Tech. University of Nova Scotia	Engineering
Griffin, Robert	University of Waterloo	Mechanical Engineering
Griffiths, Ronald	University of Waterloo	Marine Ecology
Grigjanis, Robert	University of Alberta	Physics
Grignon, François	McGill University	Mechanical Engineering
Grondin, Georges-Henri	Université Laval	Entomologie

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Grondin, Gilbert	University of New Brunswick	Structural Engineering
Grossner, Clifford	Concordia University	Computer Science
Groulx, Michel	McGill University	Plant Ecology
Grzelak, Elizabeth	McGill University	Structural Engineering
Guay, Yves	Université de Montréal	Chimie organique
Guay, France	Université de Montréal	Chimie inorganique
Guay, Vincent	Université Laval	Chimie
Gudgin, Eva	University of Western Ontario	Chemistry
Guertin, Kateri	United States	Geology
Guetta, Rosalind	McMaster University	Geography
Gulak, Patrick	University of Manitoba	Computer Science
Gulko, Eugene	McGill University	Electrical Engineering
Gullichsen, Eric	University of British Columbia	Computer Science
Gunn, Kenneth	University of Toronto	Experimental Psychology
Gupta, Rajiv	United States	Mathematics
Hackborn, William	University of Toronto	Mathematics
Hackett, David	University of Alberta	Animal Science
Hadaway, Patricia	Simon Fraser University	Experimental Psychology
Hader, Paul	McMaster University	Biochemistry
Haggith, Edward	University of Toronto	Forestry
Hahn, Kenneth	McMaster University	Elec. Eng. & Computer Eng.
Haller, Dennis	University of British Columbia	Electrical Engineering
Hamann, Jean	Queen's University	Animal Science
Hameluck, Donald	York University	Experimental Psychology
Hameury, Michel	University of British Columbia	Mechanical Engineering
Hamilton, Howard	University of Saskatchewan	Computer Science
Hampton, Eva	McMaster University	Nuclear Engineering
Hampton, William	University of Western Ontario	Physics
Hancock, Gary	Memorial University	Chemistry
Hanna, Deborah	University of Toronto	Anthropology
Hanson, John	McGill University	Marine Ecology
Harding, Graham	University of Waterloo	Chemical Engineering
Harnish, Delsworth	McMaster University	Biology
Harris, Harriet	University of Alberta	Biology
Harris, Paul	University of Toronto	Theoretical Physics
Harrison, Daniel	United States	Chemistry
Hart, Bradd	McGill University	Mathematics
Harvey, Leslie	University of Toronto	Geography
Hauer, Gittelle	McGill University	Statistics
Haugen, Harold	Denmark	Nuclear Physics
Hayes, Carol	University of Waterloo	Computer Science
Hayes, Douglas	University of Waterloo	Elec. Eng. & Computer Eng.
Hayes, Brad	University of Alberta	Geology
Hayne, Cameron	University of Toronto	Physics
Hayward, Ryan	Queen's University	Mathematics
Hazlett, John	University of Western Ontario	Engineering
Heaman, Larry	McMaster University	Geology
Heaney, Daniel	University of Alberta	Soil Science
Hebert, Dany	Université de Montréal	Psychologie expérimentale
Hebert, David	University of Victoria	Geophysics
Hebron, John	University of British Columbia	Physics
Heggie, William	McGill University	Mathematics
Heinonen, Taisto	Queen's University	Biology
Heisler, Daniel	University of Western Ontario	Physical Chemistry
Hempstead, Michael	Trent University	Chemistry

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Henderson, Marjorie	University of Manitoba	Zoology
Henderson, Alex	University of Waterloo	Chemistry
Henderson, Janet	McGill University	Mathematics
Henning, Dominique	McGill University	Polymer Chemistry
Hertzman, Owen	United States	Upper Atmosphere Physics
Hervieux, David	University of New Brunswick	Biology
Hettle, John	University of Toronto	Physiology
Hildebrand, Paul	University of Guelph	Plant Pathology
Hildebrandt, Virginia	University of Guelph	Plant Science
Hill, Mary-Louise	United States	Geology
Hill, Ralph	University of Toronto	Computer Science
Ho, Chung	University of Manitoba	Computer Science
Hobe, Helve	University of Calgary	Physiology
Holbrook, Mary	Dalhousie University	Genetics
Holder, Mark	United States	Experimental Psychology
Hollander, Barbara	Concordia University	Experimental Psychology
Holley, James	University of Guelph	Environmental Sciences
Hollosi, Michael	University of Toronto	Mathematics & Computer Science
Holmes, Robert	United States	Animal Science
Holt, Maureen	England	Experimental Psychology
Holt, Lee	England	Experimental Psychology
Holte, Robert	England	Artificial Intelligence
Holubov, Carol	University of Toronto	Physical Chemistry
Hong, Wade	McGill University	Electrical Engineering
Hood, Jane	York University	Experimental Psychology
Hoover, Howard	University of Toronto	Computer Science
Hopkins, Stuart	United States	Physics
Horton, Lorne	United States	Engineering Physics
Horton, Stephen	University of Toronto	Genetics
Hoskin, David	McGill University	Microbiology
Ho-Tai, Stephen	University of Toronto	Artificial Intelligence
Houde, Robert	Ecole Polytechnique	Géochimie et minéralogie
Houlihan, François	University of Ottawa	Polymer Chemistry
Howe, Douglas	United States	Computer Science
Hoy, Daniel	University of Guelph	Genetics
Hudak, David	University of Toronto	Meteorology
Hudon, Christiane	Université Laval	Océanologie
Huiskamp, William	University of Waterloo	Engineering
Hulbert, Guy	United States	Mathematics
Humble, Leland	University of Victoria	Entomology
Hunt, Laura	University of Toronto	Physical Chemistry
Hunter, Allen	University of British Columbia	Organic Chemistry
Huot, Jean-Yves	Université de Sherbrooke	Chimie organique
Huot, Jean-Pierre	United States	Aeronautical Engineering
Hurd, Thomas	England	Physics & Mathematics
Hurly, Andrew	Queen's University	Biology
Hurtubise, Jacques	England	Mathematics
Hurtubise, Vincent	United States	Physical Chemistry
Hurwitz, Barry	United States	Experimental Psychology
Huscroft, Charles	University of British Columbia	Electrical Engineering
Hutchinson, Bradley	University of Waterloo	Mechanical Engineering
Hutchinson, David	University of Guelph	Engineering
Hux, Robert	University of Alberta	Chemistry
Ings, David	University of Toronto	Mathematics & Computer Science

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Ip, Hon	University of Toronto	Parasitology
Ireland, Linda	University of New Brunswick	Molecular Biology
Irwin, Patricia	Carleton University	Experimental Psychology
Isenor, Donald	University of Toronto	Electrical Engineering
Ismail, Ashraf	McGill University	Inorganic Chemistry
Jachner, Jacek	United States	Electrical Engineering
Jackman, Jennifer	University of Guelph	Physics
Jackson, Paul	University of Guelph	Physiology
Jacobson, Sheldon	McGill University	Combinatorics & Optimization
Jacques, Hélène	Université Laval	Nutrition
Jacques, Jean	Université de Montréal	Ichtyologie et herpétologie
Jago, Bruce	Lakehead University	Geology
James, Howard	University of British Columbia	Theoretical Physics
Jankowski, Richard	University of British Columbia	Computer Engineering
Jeffery, David	McMaster University	Physics
Joe, Barry	University of Waterloo	Computer Science
Joe, Harry	United States	Statistics
Johns, David	University of Toronto	Electrical Engineering
Johns, Kalli	University of Western Ontario	Computer Science
Johns, Janet	Carleton University	Chemistry
Johns, Timothy	United States	Botany
Johnson, Carey	University of British Columbia	Genetics
Johnson, Geoffrey	University of British Columbia	Physics
Johnson, John	University of Waterloo	Computer Science
Johnson, Daniel	University of British Columbia	Zoology
Johnson-Flanagan, Anne	University of Victoria	Plant Science & Biochemistry
Johnston, Blair	Simon Fraser University	Organic Chemistry
Johnston, Christine	University of British Columbia	Zoology
Johnston, Laura	University of Toronto	Zoology
Johnston, Linda	University of Western Ontario	Chemistry
Johnstone, Eric	University of Toronto	Electronics & Elect. Eng.
Joly, Pierre	Université de Montréal	Psychologie expérimentale
Joly, Helen	Queen's University	Organic Chemistry
Jones, James	University of Toronto	Zoology
Jones, Stephen	University of Toronto	Plant Physiology
Joyal, Pierre	Université du Québec à Montréal	Mathématiques
Jubainville, Ronald	University of Ottawa	Systems Engineering
Judah, Sherry	University of Waterloo	Combinatorics & Optimization
Judge, John	United States	Ocean Engineering
Juneau, Bernard	University of Western Ontario	Electrical Engineering
Jung, Grace	University of British Columbia	Organic Chemistry
Juras, Stephen	University of British Columbia	Geology
Justice, Gerald	University of Waterloo	Computer Science
Jutai, Jeffrey	University of British Columbia	Experimental Psychology
Kale, Lawrence	University of Waterloo	Chemistry
Kaliouby, Léopoldine	Ecole Polytechnique	Génie électrique
Kallin, Catherine	United States	Theoretical Physics
Kalnitsky, Alexander	University of Toronto	Electronics & Elect. Eng.
Kammermayer, Edward	University of Toronto	Nuclear Physics
Kapron-Bras, Carolyn	McGill University	Genetics
Karasick, Michael	McGill University	Computer Science
Karney, Bryan	University of British Columbia	Civil Engineering
Kasperski, Richard	University of Manitoba	Computer Science

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Kavanagh, Johanna	Lakehead University	Forestry
Keay, Brian	University of Waterloo	Organic Chemistry
Keen, Kevin	McGill University	Meteorology
Keil, John	University of Toronto	Computer Science
Kelley, Daniel	Dalhousie University	Oceanography
Kelly, William	Carleton University	Aerospace Studies
Kelly, Barbara	York University	Experimental Psychology
Kelusky, Eric	University of Ottawa	Chemistry
Kenkel, Norman	University of Western Ontario	Plant Ecology
Kennedy, Stephen	University of Alberta	Engineering
Kennedy, Myra	Lakehead University	Geology
Kennedy, Roger	McMaster University	Chemistry
Kennedy, Susan	University of Toronto	Experimental Psychology
Kent, Mark	University of Toronto	Computer Science
Ketola, Cheryl	University of Western Ontario	Biology
Keum, Sam-Rok	Queen's University	Organic Chemistry
Kezys, Vytas	McMaster University	Electrical Engineering
King, Wendy	University of Alberta	Animal Science
King, Kenneth	University of Waterloo	Geology
Kingston, Gregory	University of New Brunswick	Chemical Engineering
Kirkland, James	University of Guelph	Animal Nutrition
Kirkwood, Andrew	University of Toronto	Physics & Chemistry
Kirouac-Brunet, Josée	Université Laval	Biologie
Kissack, Randy	University of Toronto	Physics
Kitai, Adrian	United States	Electrical Engineering
Kjartanson, Bruce	University of Manitoba	Geological Engineering
Klimes, Marek	University of Toronto	Electrical Engineering
Klippenstein, John	England	Mathematics
Kmet, Stephen	University of Alberta	Mathematics
Kneller, Donald	United States	Aerospace Studies
Knight, Rosemary	United States	Geophysics
Knight, Douglas	University of Waterloo	Physical Chemistry
Knowles, William	University of Western Ontario	Biomedical Engineering
Kobes, Randal	University of Alberta	Physics
Kontak, Daniel	Queen's University	Geology
Kostaschuk, Raymond	McMaster University	Geography
Kosteniuk, Peter	University of Saskatchewan	Geological Sciences
Kotchan, David	University of Toronto	Nuclear Physics
Kotiuga, Peter	McGill University	Electrical Engineering
Kovacs, Kathleen	University of Guelph	Zoology
Koverzin, Allan	University of Waterloo	Electrical Engineering
Kovesdi, Imre	Simon Fraser University	Biology
Kramer, Bryan	University of Toronto	Artificial Intelligence
Krautter, Arno	Queen's University	Physics & Astronomy
Kristie, David	University of British Columbia	Plant Physiology
Kroeker, David	University of Alberta	Theoretical Physics
Krolak, Jeffery	University of Toronto	Communication Science
Krouglicof, Nicholas	Concordia University	Systems & Control
Kruk, Ronald	Dalhousie University	Engineering
		Experimental Psychology
Krull, Ulrich	University of Toronto	Chemistry
Kusalik, Peter	University of British Columbia	Theoretical Chemistry
Kusalik, Anthony	University of British Columbia	Computer Science
Kutschke, Robert	University of Toronto	Physics
Kyte, David	Tech. University of Nova Scotia	Engineering

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Labelle, Marc	Université de Montréal	Chimie organique
Labrador, Christopher	Concordia University	Computer Science
Labrecque, Michel	Université de Montréal	Science végétale
Labrie, Daniel	McMaster University	Physics
Lacelle, Serge	United States	Physical Chemistry
Lachapelle, Alain	Université de Montréal	Chimie
Lacombe, Diane	Université de Sherbrooke	Ecologie végétale
Lacombe, Pierre	Université de Montréal	Astronomie
LaFleche, Paul	McGill University	Geophysics
Lafleur, Pierre	McGill University	Chemical Engineering
Laforest, Jean-Paul	Université Laval	Nutrition animale
Lagrenade, Marie-Christin	Macdonald College	Ornithology
Lai, Francis	University of Waterloo	Chemical Engineering
Lamarche, Francine	Université de Montréal	Géochimie et minéralogie
Lamarche, Louis	Belgium	Aeronautical Engineering
Lamarre, Ginette	Université du Québec à Montréal	Psychologie expérimentale
Lamond, Bernard	University of British Columbia	Computer Science
Lamontagne, Robert	Université de Montréal	Astronomie
Lamoureux, Pierre	McGill University	Engineering
Landry, Paul	Tech. University of Nova Scotia	Engineering
Landry, Martial	University of New Brunswick	Computer Science
Lane, Daniel	University of British Columbia	Operation Research
Lane, Larry	Carleton University	Geology
Langlois, Peter	University of Toronto	Zoology
Langlois, Stephen	United States	Statistics
Langridge, Robert	University of Toronto	Geophysics
Lanouette, André	University of Toronto	Electronics & Elect. Eng.
Lanteigne, Marc	Université de Moncton	Océanologie
Lanteigne, Louise	Université de Montréal	Psychologie expérimentale
Lapierre, Claude	Université de Montréal	Géographie
Laplante, Louise	University of Ottawa	Experimental Psychology
Laplante, Martin	University of Ottawa	Theoretical Chemistry
Lapointe, Anne-Marie	Université Laval	Physiologie
Lapointe, Jean-Yves	Université de Montréal	Biophysique
Lapointe, Claude	University of Manitoba	Nuclear Physics
Lapointe, Michel	McGill University	Geography
Laramée, Jean	Concordia University	Civil Engineering
Lareau, Joseph	University of Waterloo	Mathematics
La Roche, Julie	Dalhousie University	Oceanography
Larocque, Paul	University of Toronto	Nuclear Physics
Larose, Gilles	University of British Columbia	Physics
Latimer, Paul	University of Waterloo	Mathematics
Lau, David	United States	Structural Engineering
Laurence, Jean-Roch	Concordia University	Experimental Psychology
Laurendeau, Denis	Université Laval	Génie électrique
Lautens, Mark	United States	Organic Chemistry
Laver, Kent	University of Toronto	Computer Science
Lavoie, Marie	Université de Moncton	Psychologie expérimentale
Lavoie, Serge	Ecole Polytechnique	Génie mécanique
Lavoie, Sylvie	Université de Montréal	Mathématiques
Le, Van Thang	University of Waterloo	Chemical Engineering
Leahy-Marcoux, Denise	Norway	Geological Engineering
Leavitt, Randall	Queen's University	Nuclear Physics
Leblanc, Daniel	Ecole Polytechnique	Génie civil
Leblanc, Yves	Université de Montréal	Chimie

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Leblanc, Yvan	University of Alberta	Theoretical Physics
Le Dain, Barbara	McGill University	Mechanical Engineering
Ledbetter, David	University of British Columbia	Fisheries
Lee, Myong-Woo	University of Waterloo	Electrical Engineering
Lee, Laura	University of British Columbia	Computer Science
Lees-Miller, James	University of Alberta	Physiology
Légaré, Martin	Université de Montréal	Physique
Legge, Raymond	University of Waterloo	Biology
Leggett, Bruce	University of Waterloo	Systems Engineering
Legris, Jean	Université du Québec à Montréal	Biologie
Lemieux, Marc	University of British Columbia	Mathematics
Lemire, Gilles	Université de Sherbrooke	Génie mécanique
Lennox, Robert	United States	Chemical Engineering
Lennox, Robert	University of Toronto	Chemistry
Lenz, Paul	University of Waterloo	Electrical Engineering
Leonard, Martha	Carleton University	Parasitology
Leonelli, Richard	Université de Montréal	Physique
Lepage, Patricia	Laurentian University	Marine Science
Leslie, Heather	Acadia University	Biology
Lessard, Gaëtan	Université de Sherbrooke	Géographie
Leung, Chi	University of Waterloo	Mechanical Engineering
Leung, Michael	University of Toronto	Electrical Engineering
Levandier, Dale	Dalhousie University	Chemistry
Léveillé, Alain	Université de Montréal	Science de l'informatique
Lever, James	McMaster University	Mechanical Engineering
Lévesque, D.	Université de Moncton	Chimie
Lévesque, Héléne	Université de Montréal	Sciences biologiques
Levine, Michael	United States	Physics
Levinton, Fred	United States	Plasma Physics
Lewis, Laurent	McGill University	Physics
L'Heureux, Ivan	United States	Physics
L'Heureux, Pierre	McGill University	Physics
Lickley, David	University of Alberta	Zoology
Lindberg, Craig	United States	Oceanography
Lindeman, Dorothy	Lakehead University	Zoology
Lindsay, W.	England	Animal Science
Link, Norah	McGill University	Biomedical Engineering
Lipson, Jane	University of Toronto	Polymer Chemistry
Lipson, Robert	University of Toronto	Nuclear Physics
Little, James	University of British Columbia	Computer Science
Liu, Kam-Sing	University of Toronto	Electronics & Elect. Eng.
Loaring, Jaimie	University of Windsor	Biology
Locke, John	Queen's University	Molecular Biology
Loczy, Katrin	Université de Sherbrooke	Chimie
Loevinsohn, Michael	England	Zoology
Loewen, Stuart	University of British Columbia	Physics
Logan, John	University of Western Ontario	Electrical Engineering
Loh, William	United States	Electrical Engineering
Londry, Frank	Trent University	Physics
Longpré, Luc	United States	Computer Science
Longtin, Luc	Denmark	Theoretical Physics
Loranger, Sylvain	Université du Québec à Montréal	Zoologie
Loudon, Sheila	University of British Columbia	Meteorology
Loughery, James	University of New Brunswick	Computer Science
Louttit, Gregory	University of Victoria	Biology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Loveys, James	Simon Fraser University	Mathematics
Low, Stephen	McGill University	Physics
Lowe, David	United States	Computer Science
Lubiw, Anna	University of Waterloo	Mathematics
Lui, Shiu-Tchang	University of Toronto	Computer Science
Lunn, Gerard	University of Alberta	Zoology
Lutek, Ben	University of Waterloo	Mathematics
Lutz, Douglas	United States	Biology
Luu, Tran-Phuong	McGill University	Mechanical Engineering
Lynch, Katherine	Memorial University	Animal Science
Lytton, Jonathan	United States	Biochemistry
Macartney, James	University of Victoria	Biology
Macaulay, John	University of Alberta	Organic Chemistry
MacDonald, Colin	University of Guelph	Biology
MacDonald, Anthony	University of British Columbia	Biophysics
MacDonald, Glen	University of Toronto	Botany
MacFarlane, David	United States	Physics
MacGibbon, John	Queen's University	Mathematics
MacKay, Stephen	University of Waterloo	Mathematics
MacKnight, Douglas	University of New Brunswick	Molecular Biology
MacLaughlin, Shane	University of Waterloo	Organic Chemistry
MacRae, Roderick	Macdonald College	Soil Science
Maddison, David	University of Alberta	Entomology
Maddison, Wayne	United States	Zoology
Madore, Guy	Université de Sherbrooke	Physique
Madras, Neal	United States	Operation Research (Math)
Mah, Christopher	Simon Fraser University	Applied Mathematics
Mahoney, Anne	University of Calgary	Experimental Psychology
Mahoney, Donna	McGill University	Biology
Maidens, John	University of Saskatchewan	Physics
Mailhot, Christian	United States	Physics
Majka, Marc	University of British Columbia	Artificial Intelligence
Makarenko, Darrell	University of Alberta	Computer Science
Maki, Brian	United States	Biomedical Engineering
Malcolm, James	University of Guelph	Biology
Malo, Michel	Université de Montréal	Géologie
Manji, Bashir	University of Guelph	Food Sciences
Mann, Shelley	Queen's University	Nuclear Physics
Mann, Douglas	University of Toronto	Mechanical Engineering
Mapp, Alistair	York University	Experimental Psychology
Maranda, Brian	University of British Columbia	Electrical Engineering
Marceau, Daniel	Université Laval	Génie mécanique
Marchand, Normand	Ecole Polytechnique	Métallurgie
Marchant, Tracy	University of Alberta	Zoology
Marchant, Gary	University of British Columbia	Genetics
Marcil, Ginette	Université de Montréal	Psychologie expérimentale
Marcinko, Randall	United States	Organic Chemistry
Marjoribanks, Robin	United States	Plasma Physics
Marostica, Paul	University of Toronto	Physics
Marsan, Benoît	Ecole Polytechnique	Chimie
Marshall, P.	University of British Columbia	Forestry
Marshall, Steve	University of Guelph	Entomology
Martel, Christine	United States	Polymer Chemistry
Martheleur, Nancy	Macdonald College	Food Sciences
Martin, Denis	McGill University	Mathematics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Martin, Kenneth	University of Waterloo	Mathematics
Martin, Katherine	Queen's University	Biology
Martin, Yves	Université de Sherbrooke	Biologie
Martin-Iverson, Mathew	University of British Columbia	Experimental Psychology
Masliwec, Anatolij	University of Toronto	Geophysics
Mason, Michael	University of Ottawa	Physiology
Masson, Joseph	McGill University	Microbiology
Mather, Diane	University of Guelph	Plant Science
Mathieu, Carolle	Université de Montréal	Géographie
Matkowski, Shelley	University of Manitoba	Fisheries
Matthies, Larry	University of Waterloo	Computer Science
Mau, Louis	University of Toronto	Mathematics
Maurice, Denise	University of Manitoba	Plant Science
Mauro, Vincent	McGill University	Biology
Mavriplis, Dimitri	McGill University	Mechanical Engineering
Maxwell, Donald	McMaster University	Experimental Psychology
Mayers, Dominic	Université de Montréal	Chimie
Mazer, Murray	University of Toronto	Computer Science
Mazmanian, Dwight	University of Western Ontario	Experimental Psychology
McBride, Gwen	University of Alberta	Physiology
McBride, Anita	Simon Fraser University	Physics
McBride, Raymond	University of Guelph	Soil Science
McCall, James	McGill University	Organic Chemistry
McCanny, Stephen	University of Western Ontario	Plant Ecology
McClarty, Grant	University of Manitoba	Molecular Biology
McClelland, Linda	University of Guelph	Animal Science
McCloskey, Michael	Carleton University	Mathematics
McCorquodale, David	University of Alberta	Animal Science
McDermid, Heather	Queen's University	Biology
McDonald, Alexander	Guelph-Waterloo Centre	Chemistry
McDougall, John	University of Guelph	Genetics
McEwan, Hope	University of British Columbia	Experimental Psychology
McGarvey, Kathleen	University of British Columbia	Zoology
McGee, James	Carleton University	Systems Engineering
McGimpsey, William	Queen's University	Chemistry
McGinnis, Kathryn	University of Manitoba	Entomology
McInnis, Celia	University of Waterloo	Applied Mathematics
McIntosh, Grant	University of British Columbia	Plasma Physics
McIntyre, Mark	University of Waterloo	Biomedical Engineering
McKague, Alan	University of Toronto	Metallurgical Engineering
McKay, Ian	University of Toronto	Mathematics
McKay, Robert	University of Manitoba	Genetics
McKee, Sheila	University of Windsor	Biology
McKenna, Cheryl	University of Guelph	Geography
McKenna, Richard	University of Waterloo	Civil Engineering
McKenzie, Pierre	University of Toronto	Computer Science
McLandress, Charles	McGill University	Meteorology
McLaren, Debbie	University of Manitoba	Plant Pathology
McLaughlin, Robert	Queen's University	Animal Science
McLeese, Jennifer	University of Guelph	Environmental Sciences
McLeod, Peter	Dalhousie University	Experimental Psychology
McLeod, Robert	University of Manitoba	Engineering
McMahon, Richard	University of British Columbia	Electrical Engineering
McMillen, Gary	McMaster University	Electrical Engineering
McMullan, William	Simon Fraser University	Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
McNeill, Marilyn	McGill University	Parasitology
McPhail, John	McMaster University	Mathematics
McPhalen, Catherine	University of Alberta	Inorganic Chemistry
McQueen, Ross	United States	Plant Pathology
McRae, Donald	University of Waterloo	Biology
Meehan, Peter	England	Geology
Mehta, Maneesh	University of Waterloo	Electrical Engineering
Meijer, Nico	University of Toronto	Electrical Engineering
Melnyk, Alan	McMaster University	Chemical Engineering
Menard, Geneviève	Queen's University	Ornithology
Ménard, Robert	Université de Montréal	Chimie physique
Mercier, Francine	University of Guelph	Marine Ecology
Mercier, Richard	United States	Civil Engineering
Meredith, David	University of Western Ontario	Theoretical Physics
Merritt, Robert	McGill University	Medical Physics
Mess, Geoffrey	United States	Mathematics
Messier, Claude	McGill University	Experimental Psychology
Metcalfe, Douglas	University of Waterloo	Civil Engineering
Meunier, Michel	United States	Material Science
Mew, Daphne	University of British Columbia	Microbiology
Meyer, Wietse	University of New Brunswick	Soil Science
Milchberg, Howard	United States	Plasma Physics
Millar, Jocelyn	Simon Fraser University	Organic Chemistry
Miller, Alan	University of New Brunswick	Silviculture
Miller, Harvey	McGill University	Biology
Miller, John	University of New Brunswick	Geology
Miller, Robert	United States	Physical Chemistry
Miller, Catherine	United States	Statistics
Mills, James	University of Toronto	Systems & Control Engineering
Miltenburg, John	University of Waterloo	Operation Research
Minto, Karl	University of Waterloo	Systems & Control Engineering
Mishra, Pratibha	University of Windsor	Chemistry
Mistlberger, Ralph	United States	Experimental Psychology
Mitchell, Emily	University of Toronto	Biology
Moher, Michael	University of Toronto	Systems & Control Engineering
Molzahn, Frank	McMaster University	Theoretical Physics
Monet, Sophie	Université de Montréal	Science de l'informatique
Montpetit, Marie-José	Ecole Polytechnique	Génie biomédical
Moore, George	United States	Geophysics
Moore, Nancy	Queen's University	Computer Science
Morasse, Chantal	Université de Sherbrooke	Génie civil
Moreau, Christian	Université Laval	Physique
Morgan, David	University of Manitoba	Civil Engineering
Morin, Antoine	Université de Montréal	Ecologie marine
Morin, Danielle	McGill University	Statistics
Morris, Martha	University of Windsor	Microbiology
Morrison, Roderick	Concordia University	Civil Engineering
Morrison, Ian	Queen's University	Experimental Psychology
Morrison, Nancy	University of Windsor	Biology
Morrissey, Michelle	University of Waterloo	Biology
Moser, Cathy	University of Manitoba	Experimental Psychology
Moss, David	University of Toronto	Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Moum, James	University of British Columbia	Oceanography
Mousseau, Guy	University of Ottawa	Electrical Engineering
Moynihan, Kelly	University of Calgary	Chemistry
Mule, Antonino	Concordia University	Structural Engineering
Mulligan, Thomas	University of Waterloo	Civil Engineering
Mullin Ready, Kerry	University of Western Ontario	Virology
Mundie, Debra	University of Waterloo	Applied Mathematics
Munro, Hugh	University of Waterloo	Geography
Munt, Bradley	University of British Columbia	Physiology
Murdoch, Duncan	Carleton University	Mathematics
Murrin, Faye	Queen's University	Biology
Mustillo, Pardo	Concordia University	Experimental Psychology
Muzyka, Douglas	University of Western Ontario	Chemical Engineering
Nadeau, Leonie	University of Manitoba	Agronomy
Nadeau, Hélène	United States	Physics
Nadeau, Pierre	Université de Sherbrooke	Chimie
Naegle, Timothy	University of British Columbia	Geography
Nagler, Stephen	University of Toronto	Physics
Nahon, Meyer	University of Toronto	Aerospace Engineering Science
Nassif, Nevine	McGill University	Electrical Engineering
Nazar, Linda	University of Toronto	Inorganic Chemistry
Nazon, Joseph	Ecole Polytechnique	Génie électrique
Nealis, Vincent	University of British Columbia	Entomology
Neelands, Patricia	University of Toronto	Nutrition
Neelin, David	University of Toronto	Geophysics
Nemec, Amanda	United States	Statistics
Nero, Redwood	University of Toronto	Zoology
Nettleton, Peter	University of Windsor	Engineering
Newcombe, Richard	McMaster University	Material Science
Newton, Paul	University of Waterloo	Computer Science
Ney, Michel	University of Ottawa	Electrical Engineering
Ng, Chi	University of British Columbia	Chemistry
Ng, Esmond	University of Waterloo	Computer Science
Nguyen, Minh-Hein	McGill University	Electrical Engineering
Nichols, Craig	University of Waterloo	Mathematics
Nickerson, Harvey	University of New Brunswick	Electrical Engineering
Nicoll-Griffith, Deborah	University of British Columbia	Organic Chemistry
Nietfeld, Marie	University of Alberta	Animal Science
Nobes, David	University of Toronto	Geophysics
Noel, Denis	Université de Montréal	Chimie
Nogami, Jun	United States	Physics
Noiseux, René	Université de Sherbrooke	Génie civil
Nolan, James	University of Alberta	Chemistry
Nolin, Pierre	Univ. du Québec à Trois-Rivières	Psychologie expérimentale
Nonay, Gillian	Simon Fraser University	Combinatorics & Optimization
Normand, Martin	Université Laval	Education physique
Northcott, Colleen	University of New Brunswick	Organic Chemistry
Ober, Christopher	United States	Polymer Chemistry
O'Brien, Loretta	University of Manitoba	Nutrition
Oehler, Uwe	University of Guelph	Organic Chemistry
O'Grady, Richard	University of British Columbia	Parasitology
Ohno, Tim	United States	Physics
Oldford, Richmond	University of Toronto	Statistics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Oliver, Katherine	University of British Columbia	Inorganic Chemistry
Olivier, Marc	McGill University	Physics
Oltmann, Phillip	Dalhousie University	Chemistry
Omeljaniuk, Robert	University of Manitoba	Fisheries
Opseth, Lyle	University of Saskatchewan	Computer Science
Orendorff, Judith	University of Toronto	Environmental Sciences
Orr, Craig	Simon Fraser University	Ornithology
Orshinsky, Brian	University of Guelph	Plant Science
Osborne, David	University of British Columbia	Experimental Psychology
Ostojca-Starzewski, Martin	McGill University	Mechanical Engineering
O'Sullivan, Maurice	University of Toronto	Nuclear Physics
Ouellet, Rachel	Université de Montréal	Mathématiques
Ouellette, Gail	Université du Québec à Montréal	Génétique
Ouellette, Johanne	University of Guelph	Marine Science
Quimet, Gérard	Université de Montréal	Psychologie expérimentale
Dunsworth, James	University of British Columbia	Organic Chemistry
Ovaska, Kristina	Acadia University	Animal Science
Owen, Arthur	United States	Statistics
Owsianyk, Dennis	University of Manitoba	Electrical Engineering
Page, Frederick	Dalhousie University	Oceanography
Paine, Michael	University of Guelph	Zoology
Pakalns, Julia	University of Waterloo	Computer Science
Pallotta, Angelo	Ecole Polytechnique	Génie électrique
Pankratz, Marianne	McMaster University	Chemistry
Paquet, Lise	University of Waterloo	Experimental Psychology
Paquette, Christian	Université de Montréal	Physique et astrophysique
Paquin, Paul	Université de Sherbrooke	Biophysique
Paranjape, Manu	United States	Theoretical Physics
Parent, Guy	Université de Montréal	Géochimie et minéralogie
Parent, Johanne	Université de Montréal	Botanique
Parent, Jean-Guy	Université Laval	Virologie
Parfeniuk, Dean	University of British Columbia	Physics
Park, Peter	University of Toronto	Physics
Parkinson, Lori	University of Waterloo	Chemistry
Parlow, Shelley	University of Toronto	Psychology
Parnis, Jonathan	University of Toronto	Chemistry
Parpia, Zahir	University of Toronto	Electrical Engineering
Parush, Avraham	McGill University	Experimental Psychology
Pasini, Daniel	University of British Columbia	Physics
Patenaude, Robert	Ecole Polytechnique	Génie mécanique
Patkau, Burton	University of Toronto	Computer Science
Patrick, George	University of Calgary	Mathematics & Statistics
Patrick, Ronald	University of Toronto	Mechanical Engineering
Patterson, Cameron	University of Manitoba	Computer Science
Patterson, Lynn	McMaster University	Physics
Paulin Levasseur, M.	Univ. du Québec à Trois-Rivières	Biophysique
Pauls, Heinz	University of Waterloo	Organic Chemistry
Pauw, James	University of Western Ontario	Organic Chemistry
Paventi, Martino	Concordia University	Chemistry
Payette, Michael	Concordia University	Electrical Engineering
Peachey, Judith	University of Saskatchewan	Computer Science
Peacock, Michelle	University of Toronto	Engineering
Pearson, William	Queen's University	Electrical Engineering
Pednault, Edwin	United States	Artificial Intelligence
Pegg, Deborah	University of British Columbia	Food Sciences

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Pegg, Neil	University of British Columbia	Engineering
Pell, Jennifer	University of Calgary	Geology
Pelletier, Emilien	McGill University	Chemistry
Peltier, Sylvie	Dalhousie University	Agriculture
Pennock, Daniel	Queen's University	Pedology
Pépin, Pierre	Dalhousie University	Marine Ecology
Perkin, Linda	Queen's University	Computer Science
Perkins, Sherry	Carleton University	Biochemistry
Perlmutter, Milton	Queen's University	Chemistry
Perrier, Michel	Ecole Polytechnique	Génie chimique
Perron, Johanne	Université de Montréal	Chimie
Perry, Ian	University of British Columbia	Oceanography
Perusse, Diane	McGill University	Zoology
Petley, Shelley	University of New Brunswick	Computer Science
Pettigrew, Michel	University of Western Ontario	Applied Mathematics
Pham, Trung	McGill University	Mechanical Engineering
Phillips, John	York University	Experimental Psychology
Picard, Gilles	Université du Québec à Montréal	Mathématiques
Picard, Daniel	Université Laval	Psychologie expérimentale
Piché, Claude	Université de Montréal	Mathématiques
Pick, William	University of Alberta	Chemical Engineering
Piercy, Peter	University of Alberta	Physics
Piilonen, Leo	United States	Nuclear Physics
Pinard, Sylvie	Université de Montréal	Géologie
Pineau, Marcel	Centres INRS	Foresterie et génie civil
Piper, Timothy	University of Toronto	Electronics & Elect. Eng.
Pivnick, Kenneth	Université Laval	Entomologie
Pizzi, Nick	University of Manitoba	Computer Science
Plebon, Darlene	University of Waterloo	Computer Science
Plessis, Pierre	Université Laval	Physique nucléaire
Podor, Thomas	United States	Pathology
Pogson, Grant	University of British Columbia	Marine Science
Poirier, Alain	McGill University	Physics
Poirier, Claude	Ecole Polytechnique	Génie civil
Poissant, Arlette	Université de Montréal	Psychologie expérimentale
Poliquin, René	Université de Sherbrooke	Mathématiques
Polvani, Lorenzo	McGill University	Physics
Pon, Richard	McGill University	Organic Chemistry
Poole, Brent	University of Manitoba	Parasitology
Poole, Raymond	University of British Columbia	Microbiology
Popatia, Sheilnin	University of British Columbia	Biology
Porter, Darlene	University of Manitoba	Plant Science
Potvin, Jean	United States	Physics
Poulin, Carmen	Queen's University	Experimental Psychology
Poulin, Richard	Université Laval	Physiologie
Pouliot, Louise	Université Laval	Océanologie
Poulsen, Howard	Queen's University	Geology
Prager, Robert	University of Toronto	Computer Science
Prendergast, John	Dalhousie University	Genetics
Prescott, Cindy	University of Calgary	Marine Ecology
Preston, John	University of Toronto	Physics
Price, William	University of British Columbia	Soil Science
Price, Neil	University of British Columbia	Plant Physiology
Pringle, Daniel	Queen's University	Electrical Engineering
Proulx, Pierre	Université de Sherbrooke	Génie chimique

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Przybylski, Martin	University of Toronto	Electrical Engineering
Przybylski, Steven	United States	Electrical Engineering
Putnam, Ian	United States	Mathematics
Putt, Mary	McMaster University	Botany
Putz, Gordon	University of Alberta	Civil Engineering
Pyke, Stephen	University of Toronto	Civil Engineering
Quinn, James	United States	Zoology
Quinney, Terry	University of Western Ontario	Zoology
Racey, Thomas	University of Guelph	Biophysics
Ragauskas, Arthur	University of Western Ontario	Chemistry
Rakheja, Subhash	Concordia University	Mechanical Engineering
Ralfs, Arthur	United States	Applied Mathematics
Rancourt, Denis	University of Toronto	Physics
Rand, David	Université de Montréal	Mathématiques
Rasquinha, Deryl	University of Waterloo	Computer Science
Rathmann, Nicole	University of Waterloo	Zoology
Ratté, Gilles	Université Laval	Génie biomédical
Read, Ronald	University of Calgary	Marine Ecology
Reed, Bruce	University of Waterloo	Astronomy
Reed, James	University of Waterloo	Organic Chemistry
Reed, Brian	University of Waterloo	Applied Mathematics
Reeves, Donald	University of Waterloo	Resource Management
Rehder, Nancy	Macdonald College	Biology
Reid, Patricia	Acadia University	Ornithology
Reitzel, Clayton	University of Waterloo	Civil Engineering
Rémillard, Bruno	Université de Montréal	Chimie
Remphrey, William	University of Saskatchewan	Biology & Botany
Rendall, Alan	University of Alberta	Physical Chemistry
Rendell, John	University of British Columbia	Physical Chemistry
Reny, Philip	University of Western Ontario	Mathematics
Retterath, Chris	University of Toronto	Computer Science
Reynolds, Daniel	University of Guelph	Physics & Chemistry
Rhymer, Judith	University of Manitoba	Biology
Ribner, David	Carleton University	Electrical Engineering
Richard, Marc	Queen's University	Engineering
Richards, Gregory	University of British Columbia	Engineering
Richardson, George	University of Ottawa	Biology
Richardson, Howard	Simon Fraser University	Biology
Richardson, John	University of Alberta	Zoology
Richter, Bruce	University of Waterloo	Mathematics
Riddick, Bill	University of Waterloo	Mathematics
Ridout, Gordon	University of Toronto	Management Science
Riedel, Herbert	University of Waterloo	Mathematics
Riley, Keith	University of Toronto	Engineering
Ritcey, Stephen	Dalhousie University	Physics
Ritchie, Brian	University of Western Ontario	Chemistry
Roach, Arthur	United States	Molecular Biology
Robert, François	Ecole Polytechnique	Génie géologique
Roberts, Thomas	Queen's University	Virology
Robertson, David	Carleton University	Electrical Engineering
Robertson, Anthony	Carleton University	Experimental Psychology
Robinson, Gilbert	McMaster University	Experimental Psychology
Robotham, Katharine	McMaster University	Biology
Rochford, Joseph	Concordia University	Experimental Psychology
Rodenhiser, David	University of Western Ontario	Zoology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Roebbelen, Peter	University of Toronto	Forestry
Roeser, Peter	University of Waterloo	Engineering
Rogers, Wendy	McGill University	Computer Science
Rollins, David	United States	Applied Mathematics
Romanow, Sandra	University of Waterloo	Biology
Rommens, Johanna	University of New Brunswick	Organic Chemistry
Rood, Melanie	University of Toronto	Environmental Sciences
Rooke, Brian	University of Guelph	Zoology
Roopchand, Denver	University of Toronto	Engineering
Root, John	University of Guelph	Physics & Chemistry
Rorison, Judy	England	Theoretical Physics
Rose, Jonathan	University of Toronto	Electrical Engineering
Rosenfeld, Kenneth	McGill University	Mathematics
Ross, Linda	York University	Biology
Ross, Patricia	York University	Biology
Ross, Robert	University of British Columbia	Electrical Engineering
Rosselet, Jonathan	University of Toronto	Computer Science
Roulet, Nigel	McMaster University	Earth Sciences
Roy, Michel	Université de Montréal	Mathématiques
Roy, Aubin	Université de Sherbrooke	Génie biomédical
Roy, Bernard	Université de Sherbrooke	Chimie organique
Roy, Denis	Université Laval	Microbiologie
Roy, Roger	University of British Columbia	Forestry
Rudd, Jeffrey	Simon Fraser University	Physics
Runnings, David	Simon Fraser University	Biology
Rush, Diana	University of Toronto	Geography
Sack, Mark	University of British Columbia	Electrical Engineering
Sacken, Ulrich	University of Waterloo	Physics
Sadowski, Edward	University of British Columbia	Computer Science
Saint-Jean, Richard	Université du Québec à Montréal	Psychologie expérimentale
Sakaluk, Scott	University of Toronto	Entomology
Salcudean, Septimiu	University of Waterloo	Systems & Control Engineering
Saleh, Resve	United States	Systems Engineering
Salfert, Irene	University of Manitoba	Marine Ecology
Salisbury, Thomas	University of British Columbia	Mathematics
Salt, David	University of Waterloo	Mechanical Engineering
Sample, Frederick	University of British Columbia	Computer Science
Sampson, Michael	Macdonald College	Plant Science
Samson, Réjean	Université Laval	Génie chimique
Samson, André	Université de Montréal	Psychologie expérimentale
Samson, Gaétan	Université Laval	Génie des structures
Sanborne, Paul	McMaster University	Entomology
Sanders, Susan	Concordia University	Experimental Psychology
Sandoz, Jean-Paul	University of Ottawa	Electrical Engineering
Santry, Linda	University of Toronto	Organic Chemistry
Saunders, Stephen	McGill University	Electrical Engineering
Saunders, Constance	University of Guelph	Microbiology
Sauntry, Wayne	University of Toronto	Molecular Biology
Sauvageau, Claude	Université Laval	Génie mécanique
Savard, Roland	Université Laval	Génétique
Savard, Sylvain	Université Laval	Chimie organique
Savaria, Yvon	McGill University	Electronics & Elect. Eng.
Scheuhammer, Joseph	United States	Experimental Psychology
Scheunemann, Andre	McGill University	Computer Science

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Schiff, Sherry	United States	Geochemistry & Mineralogy
Schindler, Dwayne	Concordia University	Experimental Psychology
Schlesinger, Tuviah	United States	Physics
Schmidtke, Klaus	University of Waterloo	Civil Engineering
Scholes, Richard	McMaster University	Physics & Astronomy
Schorscher, Judith	Macdonald College	Zoology
Schroeder, Normand	University of Toronto	Biomedical Engineering
Schulz, Robert	United States	Physics
Schwartz, Howard	McGill University	Mechanical Engineering
Sciarretta, Danielle	Simon Fraser University	Geography
Scilley, Patricia	Queen's University	Psychology
Scoon, Kathryn	University of Manitoba	Food Sciences
Scott, Barbara	University of Victoria	Animal Science
Scott, Martha	University of Guelph	Biology
Scott, Paula	McGill University	Marine Science
Scott, Cynthia	Simon Fraser University	Zoology
Seager, Suzanne	Carleton University	Mathematics
Seary, James	Queen's University	Electrical Engineering
Séguin, Marc	University of Waterloo	Computer Science
Seguin, Vern	University of Alberta	Nuclear Physics
Seguin, François	Ecole Polytechnique	Génie industriel
Seifert, Keith	University of British Columbia	Botany
Sejnova, Vladimir	McGill University	Electrical Engineering
Selwyn, Lyndsie	United States	Physical Chemistry
Sergent, Justine	McGill University	Experimental Psychology
Severn, Shawn	University of Waterloo	Zoology
Seymour, Richard	McMaster University	Engineering Physics
Sguigna, Alan	McMaster University	Nuclear Engineering
Shalmon, Michael	McGill University	Electrical Engineering
Shand, Phyllis	University of Alberta	Nutrition & Food Science
Shapiro, Michael	United States	Civil Engineering
Shaw, John	University of Manitoba	Electrical Engineering
Shegelski, Mark	University of British Columbia	Theoretical Physics
Shen, Helen	University of Waterloo	Systems Engineering
Sheppard, Patrick	United States	Mathematics
Shera, Deborah	University of Victoria	Biology
Shibuya, Ellen	University of Toronto	Biology
Shier, Steven	McMaster University	Nuclear Physics
Shinkoda, Ichiro	University of British Columbia	Physics
Shirley, David	University of Waterloo	Electrical Engineering
Shore, Terence	University of British Columbia	Forestry
Shushkewich, Kenneth	University of Alberta	Structural Engineering
Shypit, Rickey	University of British Columbia	Physics
Silburt, Allan	Carleton University	Electrical Engineering
Silcox, Susan	Carleton University	Zoology
Silva, Margarida	University of Toronto	Electrical Engineering
Simard, Claire	Université Laval	Biochimie
Simard, Sylvain	Université de Montréal	Biophysique
Simard, Michel	Université de Montréal	Chimie inorganique
Simoneau, Bruno	Université Laval	Chimie organique
Simpson, Daniel	Université Laval	Psychologie expérimentale
Simpson, William	University of Toronto	Experimental Psychology
Sinclair, Alison	McMaster University	Chemistry
Sinclair, Robert	University of Alberta	Physics
Sinervo, Juha-Pekka	United States	Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Singh, Marsha	University of Toronto	Physics
Singh, David	University of Ottawa	Physics
Sinyor, David	Concordia University	Experimental Psychology
Sirois, Alain	Université du Québec à Rimouski	Océanographie
Sirois, Luc	Université Laval	Ecologie végétale
Sirois, Yves	Université de Montréal	Physique
Skinner, Blair	University of Manitoba	Physics
Skipper, John	University of Waterloo	Mathematics
Slade, Gordon	University of British Columbia	Mathematics & Physics
Slater, Gary	Université de Sherbrooke	Physique théorique
Sloan, John	University of Toronto	Theoretical Physics
Smith, Carolyn	University of Waterloo	Applied Mathematics
Smith, Daniel	University of Alberta	Geography
Smith, Gregory	University of Manitoba	Computer Engineering
Smith, Pierre	McGill University	Polymer Chemistry
Smith, Roy	University of Toronto	Mechanical Engineering
Smith, Brian	Concordia University	Experimental Psychology
Smith, Donald	University of Guelph	Agriculture
Smith, Gary	McGill University	Palaeontology
Smith, Lee	Dalhousie University	Experimental Psychology
Smith, Richard	Queen's University	Chemistry
Smith, Sandra	University of Toronto	Entomology
Smithson, Tracy	University of Calgary	Chemistry
Smocovitis, Vassiliki	United States	Plant Pathology
Smol, John	Queen's University	Zoology
Smyth, Gwendolyn	University of Waterloo	Biology
Snarr, Victoria	University of Toronto	Mathematics
So, Hin-Cheung	England	Chemistry
Sobie, Randall	University of Toronto	Nuclear Physics
Solheim, Brian	York University	Upper Atmosphere Physics
Somma, Janine	Université de Montréal	Géographie
Sonneveld, Ellen	University of British Columbia	Geology
Soroka, Sherri	University of Toronto	Experimental Psychology
Soteris, Christine	United States	Statistics
Sousa, Elvino	University of Toronto	Electrical Engineering
Spencer, Donald	Scotland	Structural Engineering
Snour, Gabriel	McGill University	Mathematics
Stacey, Albert	University of Toronto	Physics
Stairs, Anne	University of Western Ontario	Plant Ecology
St-Amour, Robert	Université de Montréal	Chimie
Stapells, David	University of Ottawa	Experimental Psychology
Stashuk, Daniel	McMaster University	Electrical Engineering
Staudt, Linda	University of Waterloo	Physiology
St-Cyr, Daniel	Université de Montréal	Chimie physique
Steele, Paul	Acadia University	Computer Science
Steele, Peter	Acadia University	Computer Science
Steer, David	University of British Columbia	Electronics & Elect. Eng.
Stefanatos, Gerry	England	Psychology
Stehwien, Wolfgang	McMaster University	Electrical Engineering
Steiger, Howard	McGill University	Experimental Psychology
Stelfox, Brad	University of Alberta	Animal Science
Stelmach, Lew	University of Alberta	Experimental Psychology
Stelter, Dale	University of Alberta	Forestry
Stephan, Walter	McMaster University	Physics
Stevens, Coleen	University of Guelph	Microbiology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Stevenson, David	University of Saskatchewan	Computer Science
Stewart, Gary	University of Waterloo	Computer Science
Stewart, John	University of Toronto	Geochemistry & Mineralogy
Stewart, Thomas	York University	Marine Ecology
Stewart, Jim	Dalhousie University	Plant Ecology
Stinson, Elizabeth	University of Alberta	Zoology
St-Jacques, Benoît	McGill University	Biology
Stockmal, Glen	United States	Geology
Story, Valerie	York University	Botany
Strecker, Timothy	University of Calgary	Electrical Engineering
Strickland, Donna	United States	Physics
Stubina, Nathan	McGill University	Metallurgy
Stuempel, Cynthia	University of Alberta	Organic Chemistry
Sturgeoff, Lynda	United States	Chemistry
Suen, John	United States	Electrical Engineering
Sullivan, Michael	University of Alberta	Biology
Sullivan, James	University of Guelph	Genetics
Summerbell, Richard	University of Toronto	Botany
Surgenor, Brian	Queen's University	Engineering Physics
Sutherland, Bruce	University of Alberta	Inorganic Chemistry
Sutherland, Dianne	University of Guelph	Experimental Psychology
Sutherland, Frances	University of Alberta	Metallurgy
Sutherland, Glenn	University of British Columbia	Zoology
Swain, Douglas	University of British Columbia	Ichthyology & Herpetology
Sweet, Gaye	University of Victoria	Biology
Sylvain, Dany	Université Laval	Génie électrique
Sylvain, Gaston	Université de Montréal	Botanique
Sylvester, Carol	University of Toronto	Biology
Szabo, Victor	University of Toronto	Physics
Szymanski, Ted	University of Toronto	Electrical Engineering
Tacik, Roman	University of British Columbia	Nuclear Physics
Taggart, Christopher	McGill University	Marine Ecology
Talbot, André	McGill University	Animal Science
Talbot, Emile	University of Toronto	Theoretical Physics
Tallin, Andrew	University of Manitoba	Mechanical Engineering
Tallman, Ross	University of British Columbia	Zoology
Tan, Phalkun	Ecole Polytechnique	Sciences géotechniques
Tarr, Allan	University of Manitoba	Chemistry
Tarr, Garry	University of British Columbia	Electrical Engineering
Tashiro, Kelvin	McMaster University	Material Science
Taylor, Barry	University of Calgary	Zoology
Taylor, Gregory	Queen's University	Plant Ecology
Taylor, Laura	University of Victoria	Marine Science
Taylor, Alan	University of British Columbia	Molecular Science
Taylor, Brian	University of Waterloo	Geological Engineering
Tellier, Raymond	McGill University	Physics & Mathematics
Tarzopoulos, Demetri	United States	Computer Science
Tessier, Michel	Univ. du Québec à Trois-Rivières	Biologie
Tessier, Gerard	McGill University	Geophysics
Tétreault, Lise	Université de Montréal	Géographie
Tevlin, Patrick	University of Toronto	Biophysics
Théberge, Serge	University of British Columbia	Theoretical Physics
Thérien, Michel	Université de Montréal	Chimie organique
Thewalt, Christopher	United States	Structural Engineering
Thibault, Daniel	University of British Columbia	Physics & Astrophysics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Thistlewood, Howard	Simon Fraser University	Entomology
Thomas, Brian	University of British Columbia	Metallurgical Engineering
Thomas, Daniel	University of Toronto	Physical Chemistry
Thomas, Terry	University of British Columbia	Physiology
Thompson, Mary	McGill University	Experimental Psychology
Thompson, Robert	University of Victoria	Physiology
Thompson, William	Queen's University	Experimental Psychology
Thomson, David	Lakehead University	Silviculture
Thomson, Lesley	McMaster University	Mathematics
Thomson, James	McGill University	Chemical Engineering
Thorburn, Jane	University of Alberta	Structural Engineering
Thorne, Robert	United States	Electrical Engineering
Thornton, Craig	University of Guelph	Experimental Psychology
Thorpe, Steven	University of Toronto	Metallurgy
Thwaites, Sandra	University of Waterloo	Experimental Psychology
Tibshirani, Robert	United States	Statistics
Tinker, Donald	Memorial University	Biochemistry
Todd, Arlen	United States	Zoology
Todoeschuck, John	McGill University	Geophysics
Tomascik, Tomas	McGill University	Marine Ecology
Tomcej, Raymond	University of Alberta	Chemical Engineering
Toneatto, Tony	McGill University	Experimental Psychology
Toulany, Bechara	Dalhousie University	Oceanography
Toupin, Christian	University of Alberta	Food Sciences
Tovstiga, George	United States	Chemical Engineering
Toyonaga, Barry	University of Toronto	Chemistry
Tratnik, Mike	McGill University	Theoretical Physics
Traynor, Lauri	University of Waterloo	Structural Engineering
Treen, Margaret	McGill University	Biochemical Engineering
Tremblay, François	Université de Montréal	Biologie
Tremblay, Pierre	Université Laval	Génie électrique
Treml, Theodore	University of Western Ontario	Nuclear Physics
Trevors, Jack	University of Waterloo	Microbiology
Tribe, Jenifer	Simon Fraser University	Biochemistry
Trickey, Howard	University of Toronto	Computer Science
Tritchew, Steve	United States	Physics
Tromp, John	University of Waterloo	Physics & Chemistry
Tront, Russell	University of British Columbia	Electrical Engineering
Trottier, Howard	McGill University	Theoretical Physics
Trottier, Jacques	Université du Québec à Montréal	Géochimie et minéralogie
Truant, Timothy	Simon Fraser University	Zoology
Trudeau, Michel	Université de Montréal	Physique
Trudeau-Reeves, Pierre	McGill University	Physics
Trudel, Anne	McMaster University	Nuclear Physics
Tseng, David	University of British Columbia	Electrical Engineering
Tseng, Paul	United States	Applied Mathematics
Tsoi, Chung	University of Guelph	Biophysics
Tsui, Ying	University of Toronto	Physics
Tugwood, June	University of Manitoba	Fisheries
Turcotte, Richard	McGill University	Nuclear Physics
Turgeon, Jean	Université Laval	Entomologie
Turner, Lauren	University of Alberta	Zoology
Turner, Roderick	University of Waterloo	Physics
Turner, Robert	United States	Geology
Tutt, Marcel	University of Waterloo	Electrical Engineering

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Uin, Linda	University of Manitoba	Biology
Urton, Gregory	Queen's University	Mathematics
Vachon, Gilbert	Université de Sherbrooke	Génie chimique
Vaisey, David	Queen's University	Electrical Engineering
Valenta-Darvesh, K. E.	University of New Brunswick	Theoretical Chemistry
Valeriote, Matthew	United States	Mathematics
Van Nostrand, Edward	Memorial University	Physics
Van Calsteren, Marie	Université de Sherbrooke	Chimie organique
Van de Hoef, Jerry	University of Waterloo	Systems & Control Engineering
Van Der Kraak, Glen	University of British Columbia	Zoology
Vandermeulen, Herbert	University of British Columbia	Botany
Vandernoot, Theodore	Carleton University	Chemistry
Vanderwel, Theodore	McMaster University	Physics
Van Roessel, Henry	University of Waterloo	Applied Mathematics
Van Schyndel, André	University of Toronto	Physics
Van Vliet, Mark	Concordia University	Mechanical Engineering
Vardi, Ilan	United States	Mathematics
Vasilikaki-Baker, Helen	McGill University	Biology
Vatistas, Georgios	Concordia University	Mechanical Engineering
Vaz, Anthony	University of Toronto	Systems & Control Engineering
Veach, Ian	University of New Brunswick	Electrical Engineering
Venus, David	University of Toronto	Physics
Veregin, Richard	University of Guelph	Chemistry
Verly, Georges	United States	Geology
Verret, Gary	Université de Moncton	Biochimie
Vessey, Kevin	Dalhousie University	Physiology
Vézina, Anne	Simon Fraser University	Fisheries
Vezina, Paul	Concordia University	Experimental Psychology
Vézina, Alain	McGill University	Zoology
Vice, Susan	University of Waterloo	Organic Chemistry
Viel, Guy	Université de Sherbrooke	Génie civil
Villeneuve, Benoît	Université de Montréal	Physique
Vincent, Charles	Macdonald College	Entomology
Vink, Erik	University of Alberta	Computer Science
Virtue, Clarence	University of British Columbia	Physics
Vlach, Martin	University of Waterloo	Electrical Engineering
Volk, Glen	University of Waterloo	Applied Mathematics
Volk, Kevin	University of Calgary	Physics
Von Flotow, Andreas	United States	Aerospace Engineering Science
Vrana, Jan	McGill University	Structural Engineering
Vrscay, Edward	University of Waterloo	Applied Mathematics
Wagler, Randy	University of Waterloo	Chemical Engineering
Walker, Lyle	Tech. University of Nova Scotia	Chemical Engineering
Walker, Ian	University of Waterloo	Zoology
Wall, David	University of Manitoba	Agronomy
Wallace, Deborah	Dalhousie University	Plant Science
Walsh, Anna	McGill University	Oceanography
Walters, Robert	Queen's University	Control Engineering
Walton, Mark	McGill University	Physics
Wan, Peter	University of Toronto	Organic Chemistry
Ward, Gary	United States	Oceanography
Wassink, Berend	University of British Columbia	Organic Chemistry

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Watkins, Gillian	England	Meteorology
Watkins, William	University of Alberta	Animal Physiology
Watson, Andrew	University of Manitoba	Zoology
Waudby-Smith, Peter	United States	Aerospace Studies
Wayner, Daniel	Dalhousie University	Chemistry
Weaver, Carl	McMaster University	Electrical Engineering
Weber, Janice	University of Toronto	Computer Science
Weber, Elke	United States	Experimental Psychology
Weber, Peter	McMaster University	Electrical Engineering
Weichman, Peter	United States	Physics
Weinberg, Erica	Queen's University	Chemistry
Weiskop, Sunny	United States	Physics
Weiss, Alex	McGill University	Artificial Intelligence
Weiss, Johannes	University of Alberta	Electrical Engineering
Werdorf, James	United States	Computer Science
Werk, Kenneth	United States	Plant Ecology
West, Richard	University of Guelph	Entomology
Westwood, Jon	University of Calgary	Biology
White, Deborah	University of New Brunswick	Chemical Engineering
White, John	United States	Chemistry
White, Andrew	University of Waterloo	Mathematics
Whitehead, John	University of Alberta	Theoretical Physics
Whiting, Philip	McGill University	Physical Chemistry
Whittall, Kenneth	University of British Columbia	Geophysics
Whittlesea, Bruce	McMaster University	Experimental Psychology
Whitwam, Firth	University of Toronto	Computer Science
Wielgus, Robert	United States	Animal Science
Wildberger, Norman	United States	Mathematics
Wilfong, Gordon	United States	Computer Science
Wilkie, Michael	University of Toronto	Computer Science
Williams, Gilbert	University of Toronto	Electrical Engineering
Williams, Kevin	McGill University	Geophysics
Williams, Terrence	Concordia University	Experimental Psychology
Williamson, James	University of Toronto	Physical Chemistry
Williamson, Susan	Dalhousie University	Genetics
Willis, Jocelyn	McGill University	Physical Chemistry
Wills, Peter	Carleton University	Physics
Wilson, Cameron	University of Waterloo	Statistics
Wilson, Lucie	Université de Montréal	Chimie
Wilson, Timothy	University of Toronto	Systems Engineering
Wilson, Christopher	University of Toronto	Computer Science
Wilson, J.	Université de Montréal	Physique
Wilson, John	United States	Civil Engineering
Winter, Calvin	Simon Fraser University	Physics
Wismath, Shelly	Simon Fraser University	Mathematics
Wolfe, Sean	University of Saskatchewan	Plasma Physics
Wong, Chong	University of Toronto	Marine Ecology
Wong, Fu	University of Toronto	Experimental Psychology
Wong, Lee	University of Waterloo	Computer Science & Applied Analysis
Wong, Richard	University of Calgary	Surveying Engineering
Wong, Susan	University of New Brunswick	Engineering
Wong, Brenden	University of Toronto	Physics
Wong, Stephen	University of Toronto	Electrical Engineering
Woo, Agnes	University of Waterloo	Mathematics & Statistics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Wood, John	Carleton University	Geotechnical Sciences
Wood, Lesley	University of Toronto	Biology
Wood, Christopher	University of British Columbia	Fisheries
Woodley, Ellen	University of Toronto	Plant Ecology
Woodruff, Gillian	Queen's University	Electrical Engineering
Workman, Ronald	University of British Columbia	Physics
Wright, Jane	United States	Entomology
Wyllie, John	University of Toronto	Physics
Yager, Andrew	United States	Energy
Yang, Jayne	University of Waterloo	Biology
Yang, Oliver	University of Toronto	Electrical Engineering
Yates, Brian	University of Western Ontario	Chemistry
Yee, Eugene	University of Saskatchewan	Physics
Yergeau, François	Université Laval	Physique
Yhap, Christine	University of Waterloo	Computer Science
Yokubynas, Raymond	York University	Psychology
Young, Graham	University of Toronto	Invertebrate Palaeontology
Young, Patricia	Dalhousie University	Biology
Zaghloul, Ahmed	University of Manitoba	Electrical Engineering
Zagorski, Walter	University of Toronto	Chemical Engineering
Zellen, Wendy	University of Guelph	Food Sciences
Zelt, Jeffrey	United States	Aeronautical Engineering
Zetner, Peter	University of Windsor	Nuclear Physics
Ziauddin, Asma	University of Guelph	Crop Science
Ziegler, William	University of British Columbia	Nuclear Physics
Zorn, Carl	University of Toronto	Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Aarssen, Lonnie	University of British Columbia	Plant Ecology
Abergel, Denis	McGill University	Structural Engineering
Abraham, Wayne	University of Calgary	Experimental Psychology
Abramson, Mark	McGill University	Artificial Intelligence
Adam, Allan	University of Western Ontario	Physics
Afeyan, Bedros	United States	Electrical Engineering
Agnew, Gordon	University of Waterloo	Electrical Engineering
Ahmad, Darakhshan	Concordia University	Microbiology
Ahmed, Hassan	United States	Electrical Engineering
Akey, William	University of Manitoba	Plant Science
Alfano, Dennis	University of Toronto	Experimental Psychology
Alfheim, Arne	University of British Columbia	Physics
Allen, Peter	Tech. University of Nova Scotia	Mechanical Engineering
Allenger, Vincenza	University of Ottawa	Chemical Engineering
Anderson, Darlene	University of British Columbia	Physical Chemistry
Anholt, Bradley	University of Calgary	Marine Ecology
Ansseau-Nuyt, Colette	Université Laval	Foresterie
April, Raymond	Université Laval	Génie électrique
Arkema, Jan	University of Toronto	Geological Engineering
Arseneau, Donald	University of British Columbia	Chemistry
Aspinall, John	United States	Nuclear Engineering
Aspler, Lawrence	Carleton University	Geology
Auger, Sandi	McGill University	Molecular Biology
Avis, Graham	Queen's University	Communication Science
Ayer, Stephen	University of British Columbia	Chemistry
Baba, Donna	University of Waterloo	Biology
Babineau, Jacques	Université de Montréal	Géologie
Back, Christian	Macdonald College	Entomology
Balaberda, Randolph	Queen's University	Electrical Engineering
Balazic, John	McGill University	Structural Engineering
Ball, Margaret	University of Waterloo	Biology
Bardwell, Jennifer	University of Western Ontario	Physical Chemistry
Baribeau, Jean-Marc	Université Laval	Physique
Barnes, John	University of Toronto	Physical Chemistry
Barrett, Gary	University of British Columbia	Earth Sciences
Barron, John	University of Toronto	Artificial Intelligence
Barsky, Brian	United States	Computer Science
Bartlett, Cheryl	University of Guelph	Parasitology
Bartlett, Sheryl	University of Toronto	Statistics
Bashinski, Howard	United States	Experimental Psychology
Basinski, Antoni	University of Toronto	Statistics
Baskin, Kevin	University of Alberta	Civil Engineering
Bassoon, Felix	University of Toronto	Zoology
Baszczynski, Christopher	University of Western Ontario	Genetics
Baxter, David	United States	Electronics & Elect. Eng.
Bazin, Claude	Université Laval	Métallurgie
Beaudry, Martin	University of British Columbia	Nuclear Physics
Beaulieu, Norman	University of British Columbia	Electrical Engineering
Beaupré, Michel	Université du Québec à Montréal	Psychologie expérimentale
Beausoleil, Jean-Roch	University of Ottawa	Experimental Psychology
Beausoleil, Normand	Ecole Polytechnique	Génie physique
Beck, Douglas	United States	Nuclear Physics
Bédard, Robert	United States	Mathematics
Bédard, Stuart	Université de Montréal	Psychologie expérimentale
Beerens, Jean	Université de Sherbrooke	Physique

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Begin, Christiane	Université Laval	Psychologie expérimentale
Beingessner, Sean	Carleton University	Physics
Bélair, Jacques	United States	Applied Mathematics
Bélair, Luc	Université de Montréal	Mathématiques
Bélanger, Louis	Université Laval	Sylviculture
Bell, Gary	Carleton University	Biology
Bell, Paul	University of Toronto	Zoology
Belliveau, Tom	McGill University	Physical Chemistry
Belore, Randy	University of Waterloo	Civil Engineering
Belzile, Nelson	Université du Québec à Rimouski	Océanographie
Beninger, Peter	France	Oceanography
Bennett, Leslie	University of Toronto	Nuclear Engineering
Benoit, Gilbert	Université de Montréal	Science de l'informatique
Benson, Frederick	United States	Mathematics
Berard, Marcel	McGill University	Physics
Berg, Janice	University of British Columbia	Nutrition
Bergeron, Dominique	Université du Québec à Montréal	Biologie
Bergeron, Gilles	Université de Montréal	Psychologie expérimentale
Bergeron, Yves	Université de Montréal	Biochimie & biophysique
Bergsma, John	United States	Physical Chemistry
Berlin, Daniel	United States	Computer Science
Berman, David	University of Waterloo	Computer Science
Bernier, Jean	Université Laval	Nutrition animale
Béron, Patrick	Ecole Polytechnique	Génie civil
Bérubé, Gervais	Université de Sherbrooke	Chimie
Bhanot, Pradeep	University of British Columbia	Microbiology
Bielajew, Alex	United States	Nuclear Physics
Binot, Jean-Marie	Université Laval	Foresterie
Bird, Daniel	University of Waterloo	Experimental Psychology
Bird, Neil	University of British Columbia	Geophysics
Bird, Nancy	University of Saskatchewan	Plant Science
Birk, Michael	Queen's University	Mechanical Engineering
Bischoff, Peter	McGill University	Structural Engineering
Bissonnette, Guy	Université de Sherbrooke	Mathématiques
Biswas, Niharendu	University of Ottawa	Civil Engineering
Black, James	University of Waterloo	Computer Science
Bladon, Trevor	Carleton University	Biology
Blahey, Alan	University of Waterloo	Mechanical Engineering
Blodgett, Dale	University of Toronto	Physics
Blok, Vivian	University of Saskatchewan	Environmental Sciences
Blondin, Jean-Pierre	Université de Montréal	Psychologie expérimentale
Blunden, Peter	Queen's University	Nuclear Physics
Boates, Sherman	England	Zoology
Bobrowsky, Peter	Simon Fraser University	Anthropology & Archaeology
Boe, Brian	United States	Mathematics
Boéré, René	University of Western Ontario	Chemistry
Boiduk, Barbara	Acadia University	Biology
Boisvenu, Guy	University of British Columbia	Experimental Psychology
Boivin, André	Université de Montréal	Mathématiques
Bondy, Thomas	University of Toronto	Computer Science
Bonneau, Gaétan	University of Ottawa	Experimental Psychology
Bonser, John	University of British Columbia	Civil Engineering
Booth, Ian	University of British Columbia	Physics
Boothby, Sharon	York University	Biology
Bortolotti, Gary	University of Toronto	Ornithology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Boudreau, Richard	Université de Sherbrooke	Physique théorique
Bourbonnière, Ann	Université de Montréal	Mathématiques
Bourcier, Sara	University of Waterloo	Experimental Psychology
Bourdon, Elisa	York University	Physics
Bourjolly, Jean-Marie	University of Waterloo	Operation Research
Boutin, Pierre	Université de Montréal	Mathématiques
Boutin, Stan	University of British Columbia	Zoology
Boyd, John	McGill University	Electrical Engineering
Bradley, Cheryl	University of Alberta	Plant Ecology
Braid, John	England	Metallurgy
Bregman, Nina	University of Toronto	Physics
Brenken, Berndt	United States	Mathematics
Brett, Michael	University of British Columbia	Physics
Briand, Chantal	Université Laval	Biologie
Brisson, Alain	Université Laval	Génie électrique
Brisson, Normand	McGill University	Biology
Brizard, Alain	Centres INRS	Energie
Brodland, Wayne	University of Manitoba	Mechanical Engineering
Brook, Michael	McGill University	Organic Chemistry
Brosseau, Nicole	Université du Québec à Montréal	Psychologie expérimentale
Brou, Philippe	United States	Electrical Engineering
Brown, David	University of Alberta	Chemistry
Brown, Gail	Acadia University	Biology
Brule, Luc	Ecole Polytechnique	Génie nucléaire
Brunet, Johanne	McGill University	Animal Science
Buelow, Dale	University of Toronto	Environmental Sciences
Bukkfalvi, Lydia	Ecole Polytechnique	Ecologie végétale
Burgess, Clifford	United States	Physics
Burke, Daniel	United States	Genetics
Burlingham, Lorna	University of Toronto	Computer Science
Busigin, Anthony	University of Toronto	Chemical Engineering
Butler, Barbara	University of Waterloo	Microbiology
Button, Linda	University of British Columbia	Biochem, Biophysics & Molecular Biology
Button, Lyle	University of Saskatchewan	Electrical Engineering
Cabana, Thérèse	United States	Anatomy
Cabanas, Francisco	University of British Columbia	Physics
Cadrin, Monique	Université Laval	Biologie
Cameron, Richard	England	Mathematics
Camirand, Anne	McGill University	Biology
Campbell, Johnson	University of Manitoba	Nuclear Physics
Campbell, Lorna	United States	Physics
Campbell, Lyle	University of Toronto	Physics
Campbell, Murray	University of Alberta	Computer Science
Campbell, Roderick	Memorial University	Theoretical Physics
Cantin, Sylvie	University of Ottawa	Mathematics
Capson, David	McMaster University	Electrical Engineering
Cardy, Brian	University of Guelph	Agriculture
Carey, Duncan	University of Toronto	Physics
Carminati, John	University of Victoria	Physics
Caron, Maurice	Université de Sherbrooke	Chimie
Caron, Richard	University of Waterloo	Combinatorics & Optimization
Carpentier, Robert	Univ. du Québec à Trois-Rivières	Biophysique
Carr, Geoff	McGill University	Experimental Psychology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Carrier, Danielle	Université Laval	Chimie
Carvalho, Juliana	University of Toronto	Nuclear Physics
Casey, Gregory	University of Saskatchewan	Microbiology
Cassidy, Daniel	McMaster University	Physics
Casson, Evanne	United States	Experimental Psychology
Castonguay, Martin	Université Laval	Océanologie
Cathcart, Murray	University of Saskatchewan	Physics
Cathro, Derek	University of Alberta	Geological Engineering
Cavell, Patricia	University of Alberta	Geology
Cervin, Andrew	McMaster University	Physics
Ceska, Thomas	United States	Biochemistry
Champigny, Normand	University of British Columbia	Geological Sciences
Chan, Edward	University of Victoria	Geophysics
Chan, Gee-Hung	University of Alberta	Geophysics
Chang, David	Dalhousie University	Physics
Chang, Grace	University of Toronto	Biomedical Engineering
Chang, John	University of Alberta	Biology
Charest, Pierre	Université Laval	Physiologie
Charto, Suzy	McGill University	Computer Science
Chater, Elie	Université de Sherbrooke	Génie civil
Cheliak, William	University of Alberta	Genetics
Cheshire, Geoffrey	United States	Applied Mathematics
Chew, Graeme	Carleton University	Experimental Psychology
Chinneck, John	University of Waterloo	Systems Engineering
Chipperfield, Randall	United States	Biology
Chisholm, Colleen	McMaster University	Chemistry
Chong, Michael	University of British Columbia	Organic Chemistry
Choptuik, Matthew	University of British Columbia	Physics
Chou, Bernt	University of Waterloo	Physiological Optometry
Chouinard, Luc	Ecole Polytechnique	Génie nucléaire
Chow, Jerry	University of Saskatchewan	Electrical Engineering
Chow, Kin	McMaster University	Mechanical Engineering
Chow, Paul	University of Toronto	Electrical Engineering
Chow, Si	University of Toronto	Mechanical Engineering
Chun, Jung	United States	Mechanical Engineering
Church, Philip	Université de Montréal	Physique
Clara, Richard	Macdonald College	Microbiology
Clarke, Hugh	University of Toronto	Zoology
Clas, Sophie	McGill University	Chemistry
Clayton, Murray	United States	Statistics
Cliff, Gean	United States	Plant Pathology
Clifton, Jane	University of Waterloo	Experimental Psychology
Coffin, John	University of Alberta	Plant Science & Biochemistry
Cohen, Henri	Concordia University	Experimental Psychology
Colin, Dominique	Université de Montréal	Statistiques
Collette, Anne	University of Guelph	Plant Ecology
Collins, Michael	McMaster University	Chemistry
Comtois, Paul	Université Laval	Ecologie végétale
Coniglio, Mario	University of Manitoba	Geology
Connell, Brian	University of New Brunswick	Electrical Engineering
Copps, Patrick	University of Guelph	Entomology
Corless, Robert	University of Waterloo	Applied Mathematics
Cornett, Robert	McGill University	Zoology
Coulombe, Sylvain	Université de Montréal	Chimie

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Coulter, Philip	McMaster University	Physics
Courtney, Robert	Dalhousie University	Oceanography
Couture, Marc	Université Laval	Physique nucléaire
Couturier, Michel	Queen's University	Chemical Engineering
Craig, David	University of Toronto	Nuclear Physics
Craig, Stuart	University of British Columbia	Electrical Engineering
Crins, William	University of Toronto	Botany
Croteau, Jean-Pierre	Université de Montréal	Statistiques
Curry, Robert	United States	Animal Science
Cutforth, Herb	University of Manitoba	Meteorology
Cutler, Colleen	Carleton University	Mathematics
Cyr, Robert	Ecole Polytechnique	Génie électrique
Czapor, Stephen	University of Waterloo	Mathematics
Dabrowski, André	United States	Mathematics
Dahn, Jeffrey	University of British Columbia	Physics
Dale, Janis	McMaster University	Geography
Darveau, Marcel	Université Laval	Ecologie végétale
Davidson, Geoffrey	University of Manitoba	Zoology
Davies, Nancy	University of Guelph	Chemistry
Davison, Paul	Queen's University	Electrical Engineering
Dawe, R.	University of Waterloo	Organic Chemistry
Dawes, Robin	University of Toronto	Computer Science
Deblonde, Godelieve	McGill University	Meteorology
De Bruyn, John	Queen's University	Physics & Meteorology
De Caen, Dominique	University of Toronto	Mathematics
DeCatanzaro, Jennifer	University of Toronto	Botany
Deering, Stephen	University of British Columbia	Computer Science
De Guise, J.	Ecole Polytechnique	Génie biomédical
Dehaan, Johannes	University of Alberta	Computer Science
Della Penna, Ernest	University of Toronto	Aerospace Engineering Science
Demco, John	University of British Columbia	Computer Science
Demers, Yves	Ecole Polytechnique	Génie physique
Demetrick, Doug	University of British Columbia	Microbiology & Immunology
DeMille, Beatrice	University of British Columbia	Biology
De Robertis, Michael	University of Victoria	Physics & Astrophysics
Desbarats, Alexandre	Ecole Polytechnique	Génie géologique
Desbiens, Jocelyn	Université de Montréal	Mathématiques
Desrochers, Martin	Université de Montréal	Recherches opérationnelles
Detre, Peter	McGill University	Applied Mathematics
Dew-Jones, Jean	University of Victoria	Physics
Dickie, Brian	McMaster University	Chemistry
Diduch, Christopher	University of New Brunswick	Electrical Engineering
Dijak, Margaret	University of Guelph	Plant Physiology
Dimnik, Leo	University of Calgary	Biology
Dionne, Johanne	Univ. du Québec à Trois-Rivières	Sciences de l'environnement
DiUbaldo, Giuseppe	Carleton University	Systems Engineering
Di Vergilio, Michel	Ecole Polytechnique	Géologie
Dixon, Walter	England	Plant Science & Biochemistry
Dmytriw, Andrew	University of Toronto	Mathematics
Dobbin, Christopher	University of Waterloo	Polymer Chemistry
Dobriyal, Alok	University of Toronto	Statistics
Dodds, David	University of Toronto	Chemistry
Dodds, Karen	University of Waterloo	Microbiology
Dolan, Thomas	United States	Experimental Psychology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Domier, Calvin	University of Alberta	Plasma Physics
Donaldson, Norman	University of Toronto	Engineering Physics
Donnay, Albert	United States	Civil Engineering
Doutre, Don	McGill University	Metallurgical Engineering
Dowman, Robert	United States	Experimental Psychology
Drinkwater, Donald	Simon Fraser University	Biology
Dubé, François	Université de Montréal	Sciences biologiques
Dubeau, Hélène	Université de Montréal	Biologie et biochimie
Dubois, Claude	Université de Montréal	Physique
Dubreuil, Mireille	McGill University	Computer Science
Dubreuil, Marie	McMaster University	Geography
Dueckman, John	University of Waterloo	Systems Engineering
Dugas, Bernard	McGill University	Meteorology
Dulude, Anne-Marie	Université de Montréal	Biologie
Dumas, Claude	Université Laval	Psychologie expérimentale
Duncan, Gary	University of Toronto	Computer Science
Dunkelman, Laurence	McGill University	Computer Science
Dunn, Jeffrey	University of British Columbia	Zoology
Dupuis, Clermont	Université de Montréal	Informatique et recherches opér.
Dupuis, Suzanne	Univ. du Québec à Trois-Rivières	Sciences animales
Duschenes, Jeremy	England	Marine Science
Dykes, David	University of Toronto	Chemical Engineering
Eager, Derek	University of Toronto	Computer Science
Eamer, Joan	University of British Columbia	Zoology
Earls, Christopher	Queen's University	Experimental Psychology
Earls, Juliet	Queen's University	Experimental Psychology
Eberlein, Sue	University of Alberta	Genetics
Edie, Scott	United States	Plant Physiology
Edwards, Geoffrey	University of Toronto	Astronomy
Ehret, David	University of British Columbia	Plant Science
Eldridge, Terry	University of British Columbia	Soil Mechanics
Elliott, James	University of Waterloo	Experimental Psychology
Ellis, Randy	University of Manitoba	Computer Science
Ellis, Thomas	University of Waterloo	Chemistry
Emmett, Kathryn	Simon Fraser University	Resource Management
English, Ralph	Dalhousie University	Experimental Psychology
Ens, Erich	University of Manitoba	Physics
Ercit, Scott	University of Manitoba	Geology
Erdmer, Philippe	Queen's University	Geology
Erickson, Larry	University of Guelph	Genetics
Erlandson, Martin	Queen's University	Zoology
Espie, George	York University	Plant Science & Biochemistry
Estelle, Mark	University of Alberta	Genetics
Etherington, David	University of British Columbia	Artificial Intelligence
Evans, Hayla	Trent University	Zoology
Evans, Robert	University of Alberta	Chemistry
Everson, Peter	University of Alberta	Zoology
Ewasyshyn, Mary	University of Windsor	Virology
Faddegon, Bruce	University of British Columbia	Physics
Falusi, Kathryn	University of Toronto	Forestry
Farkas, Erika	Concordia University	Mathematics
Farnand, Brian	University of Ottawa	Chemical Engineering
Farrell-Gerrion, Patricia	Simon Fraser University	Experimental Psychology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Fauvel, Terry	Dalhousie University	Experimental Psychology
Fawcett, John	United States	Applied Mathematics
Fecycz, Irene	University of Alberta	Microbiology
Fedikow, Mark	Australia	Geochemistry & Mineralogy
Fedoruk, James	University of Waterloo	Systems Engineering
Feenstra, Randall	United States	Physics
Fehr, Robert	University of Toronto	Aerospace Studies
Fejtek, Ian	University of Toronto	Aerospace Studies
Feldman, Terry	University of Toronto	Inorganic Chemistry
Fenton, Gordon	Carleton University	Civil Engineering
Ferrari, Jacinta	University of New Brunswick	Plant Pathology
Findlay, Robert	University of Toronto	Mechanical Engineering
Fisk, John	University of Western Ontario	Experimental Psychology
Fitzsimmons, Brian	United States	Organic Chemistry
Flaten, Donald	University of Manitoba	Agronomy
Forgie, David	University of Toronto	Civil Engineering
Fortin, Marie	Macdonald College	Plant Science
Fortin, Nicole	University of British Columbia	Resource Management
Foster, Robert	University of Toronto	Mechanical Engineering
Frania, Henry	United States	Biology
Frank, Mariana	University of Toronto	Physics
Fraser, Niall	University of Waterloo	Systems Engineering
Frego, Katherine	University of Manitoba	Plant Ecology
Friesen, Allan	University of Saskatchewan	Computer Science
Friesen, John	Dalhousie University	Biology
Fry, Elizabeth	University of Guelph	Nutrition
Fryxell, John	University of British Columbia	Zoology
Fuh, Ying	University of Toronto	Physics
Fulthorpe, Roberta	University of Toronto	Zoology
Furnell, Donald	University of British Columbia	Fisheries
Gabel, Paul	McMaster University	Experimental Psychology
Gaboury, Alain	Université de Sherbrooke	Chimie
Gaetz, Terrance	United States	Physics & Astrophysics
Gagnon, Pierre	University of Ottawa	Experimental Psychology
Gakwaya, Augustin	Université Laval	Génie mécanique
Gale, Charles	McGill University	Nuclear Physics
Gambino, Gioacchino	University of Toronto	Statistics
Gardiner, Donald	University of Alberta	Electrical Engineering
Garneau, Michelle	Université Laval	Géographie
Garven, Grant	University of British Columbia	Geology
Gaudet, Connie	Carleton University	Biology
Gauthier, Gilles	Université Laval	Biologie
Gauthier, Louise	McGill University	Computer Science
Gauthier, Michel	Ecole Polytechnique	Génie géologique
Gauthier, Sylvie	McGill University	Polymer Chemistry
Gauvreau, Marc	Université de Montréal	Science de l'informatique
Gee, Pauline	Simon Fraser University	Biochemistry
Genereux, Randy	University of British Columbia	Psychology
Gervais, Pierre	University of Alberta	Zoology
Gibbs, Simon	University of Toronto	Computer Science
Gibson, Keith	United States	Environmental Sciences
Gierszewski, Paul	United States	Nuclear Engineering
Gies, Douglas	University of Toronto	Physics & Astrophysics
Gilbert, Claude	Université Laval	Chimie
Gilbert, Mary	University of Western Ontario	Experimental Psychology

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Gilbride, Kimberley	University of Guelph	Zoology
Giles, Clinton	University of Alberta	Electrical Engineering
Gilliespie, Laura	United States	Biology
Gilman, Michael	McGill University	Computer Science
Girard, Rejean	Univ. du Québec à Trois-Rivières	Physique
Girdlestone, John	United States	Biology
Glen, William	McMaster University	Physics & Astrophysics
Glines, Victoria	University of Alberta	Parasitology
Glisky, Elizabeth	University of Toronto	Experimental Psychology
Glover, Beverley	University of Guelph	Plant Physiology
Glynn, Peter	United States	Operation Research (Math)
Gmeiner, Jessie	Dalhousie University	Mathematics & Statistics
Godin, James	Carleton University	Biochemistry
Godmaire, Helene	Université du Québec à Montréal	Biologie
Golding, Geoffrey	University of Alberta	Genetics
Golembiowski, Albert	McGill University	Electrical Engineering
Gotceitas, Vitenis	University of Alberta	Zoology
Gould, Bryan	University of Toronto	Chemical Engineering
Goulding, Richard	University of Western Ontario	Physics
Goulet, Pierre	Université de Montréal	Psychologie expérimentale
Gourlay, Patricia	McMaster University	Geography
Gourvil, Louis	Ecole Polytechnique	Génie civil
Gowan, Sharon	Carleton University	Biology
Grabowski, Thomas	University of Alberta	Forestry
Graf, Peter	McMaster University	Experimental Psychology
Graham, Katharine	Brock University	Zoology
Graham, Ross	United States	Physics & Mathematics
Grant, Donald	United States	Biophysics
Grant, John	University of Toronto	Biomedical Engineering
Grant, Martin	University of Toronto	Physics
Grant, Sarah	United States	Genetics
Gratto, Gary	University of New Brunswick	Marine Science
Gravel, Louise	Université du Québec à Chicoutimi	Géologie
Gray, Stephen	United States	Chemistry
Green, David	University of Guelph	Zoology
Green, William	University of British Columbia	Environmental Sciences
Gregoris, Dennis	University of Toronto	Electrical Engineering
Gregory, Linda	University of Victoria	Physiology
Grenier, Daniel	Université Laval	Chimie des polymères
Grice, Stephen	York University	Experimental Psychology
Grigjanis, Robert	University of Alberta	Physics
Grossner, Clifford	Concordia University	Computer Science
Grygier, Jan	United States	Systems Engineering
Guay, Vincent	Université Laval	Chimie organique
Gudgin, Eva	University of Western Ontario	Chemistry
Guenther, David	United States	Astronomy
Guertin, Kateri	United States	Geology
Guibord, Arthur	Carleton University	Electrical Engineering
Gulak, Glen	University of Toronto	Electrical Engineering
Gulko, Eugene	McGill University	Electrical Engineering
Gunn, Kenneth	University of Toronto	Experimental Psychology
Gupta, Rajiv	United States	Mathematics
Gupta, Shalini	United States	Experimental Psychology
Gusella, Joanne	Carleton University	Experimental Psychology
Hackborn, William	University of Toronto	Applied Mathematics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Hadaway, Patricia	Simon Fraser University	Experimental Psychology
Haggman, Brian	University of Waterloo	Systems Engineering
Haire, Donal	University of Guelph	Organic Chemistry
Haller, Dennis	University of British Columbia	Electrical Engineering
Hallin, Aksel	United States	Physics
Hallin, Emil	University of Toronto	Nuclear Physics
Hameluck, Donald	York University	Experimental Psychology
Hamilton, Erin	Dalhousie University	Chemistry
Hamilton, Howard	University of Saskatchewan	Computer Science
Hampson, Mary	University of Western Ontario	Experimental Psychology
Harder, Lawrence	University of Toronto	Zoology
Hardy, Peter	University of Toronto	Physics
Harnish, Delsworth	McMaster University	Biology
Hartgerink, Judy	McGill University	Chemistry
Harvey, Leslie	University of Toronto	Geography
Hastings, Ross	University of Alberta	Geography
Hauer, Gittelle	McGill University	Statistics
Haugen, Harold	McMaster University	Engineering Physics
Hauser, Frank	University of Toronto	Electrical Engineering
Haydu, Agnes	University of Toronto	Biological Science
Hayes, Brad	University of Alberta	Geology
Hayne, Cameron	University of Toronto	Theoretical Physics
Hazlett, John	University of Western Ontario	Chemical Engineering
Heard, Garry	University of Victoria	Geophysics
Hebert, David	University of Victoria	Geophysics
Hébert, Michel	Université Laval	Mathématiques
Hebert, Réjean	France	Geology
Hebron, John	University of British Columbia	Theoretical Physics
Heming, Thomas	University of British Columbia	Zoology
Henderson, Gregory	University of British Columbia	Forestry
Henderson, Janet	McGill University	Mathematics
Hettle, John	University of Toronto	Physiology
Hiebert, Allan	University of Alberta	Electrical Engineering
Hildebrand, Eldo	University of Waterloo	Civil Engineering
Hill, Mary	United States	Geology
Hodson, Fay	University of Regina	Biology
Hogg, Sheila	University of Waterloo	Statistics
Holder, Mark	United States	Experimental Psychology
Holdom, Robert	United States	Physics
Holt, Leon	England	Experimental Psychology
Hopkins, Stuart	United States	Physics
Ho-Tai, Stephen	University of Toronto	Artificial Intelligence
Houseman, Jon	Queen's University	Zoology
Howe, Douglas	United States	Applied Mathematics
Howe, M.	University of Western Ontario	Experimental Psychology
Hrabok, Metro	University of Alberta	Structural Engineering
Huberman, Ronald	McGill University	Computer Science
Hudon, Georges	Université du Québec à Montréal	Statistiques
Hughes, William	University of Western Ontario	Genetics
Huiskamp, William	University of Waterloo	Civil Engineering
Humble, Leland	University of Victoria	Biology
Hunt, Laura	University of Toronto	Physical Chemistry
Hurtubise, Vincent	United States	Physical Chemistry
Iannelli, Thomas	University of Western Ontario	Geology
Imai, Michael	University of British Columbia	Electrical Engineering

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Imbeau, Gilles	Université de Montréal	Recherches opérationnelles (math)
Ings, David	University of Toronto	Mathematics & Computer Science
Ismail, Ashraf	McGill University	Chemistry
Jackman, Jennifer	University of Guelph	Physics
Jagannathan, Jagan	University of Waterloo	Computer Science
Jago, Bruce	Lakehead University	Geology
James, Howard	University of British Columbia	Theoretical Physics
Jamieson, Andrew	University of Guelph	Plant Pathology
Jamieson, Terrance	University of Toronto	Chemical Engineering
Jobidon, Robert	Université Laval	Foresterie
Joe, Barry	University of Waterloo	Computer Science & Applied Analysis
Joe, Harry	United States	Statistics
Johns, Janet	Carleton University	Chemistry
Johns, Timothy	United States	Botany
Johnson, Dan	University of British Columbia	Zoology
Johnson, Geoffrey	University of British Columbia	Physics
Johnston, Blair	Simon Fraser University	Chemistry
Johnston, Linda	University of Western Ontario	Chemistry
Jolicœur, Pierre	United States	Experimental Psychology
Joly, Helen	Laurentian University	Chemistry
Joncas, Gilles	Université Laval	Physique et astrophysique
Jones, Carolyn	United States	Oceanography
Jones, James	University of Toronto	Zoology
Jones, Michael	University of British Columbia	Zoology
Jones, Stephen	University of Toronto	Botany
Josin, Gary	University of British Columbia	Plasma Physics
Joyal, Pierre	Université du Québec à Montréal	Mathématiques
Judge, J.	United States	Civil Engineering
Justice, Gerald	University of Waterloo	Computer Science
Kallin, Catherine	United States	Physics
Kapron-Bras, Carolyn	McGill University	Genetics
Karney, Bryan	University of British Columbia	Civil Engineering
Karpik, Stephen	Queen's University	Physics & Astrophysics
Kavanagh, Stephen	University of Toronto	Electrical Engineering
Kay, Ian	University of Toronto	Physics
Keen, Kevin	McGill University	Meteorology
Keil, Mark	University of Toronto	Computer Science
Kelley, Daniel	Dalhousie University	Oceanography
Kelly, Barbara	York University	Experimental Psychology
Kenkel, Norman	University of Western Ontario	Botany
Kennedy, Myra	Lakehead University	Geology
Kennedy, Roger	McMaster University	Chemistry
Kennedy, Susan	University of Toronto	Experimental Psychology
Kezys, Vytas	McMaster University	Electrical Engineering
King, Scott	University of Waterloo	Geology
Kingston, Gary	University of British Columbia	Marine Science
Kitai, Adrian	United States	Electronics & Elect. Eng.
Knight, Douglas	University of Waterloo	Chemistry
Knight, Rosemary	United States	Geophysics
Kobes, Randal	University of Alberta	Physics
Kontak, Daniel	Queen's University	Geology
Koop, Gerald	University of Waterloo	Combinatorics & Optimization

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Koslowsky, Vernon	University of Toronto	Nuclear Physics
Kossowski, Peter	University of Alberta	Computer Science
Kostaschuk, Raymond	McMaster University	Geography
Kotb, Madiha	Concordia University	Mechanical Engineering
Kramer, Bryan	University of Toronto	Computer Science
Krantzberg, Gail	University of Toronto	Botany
Krauss, Lawrence	United States	Physics
Krautter, Arno	Queen's University	Physics & Astronomy
Kristie, David	University of British Columbia	Plant Physiology
Kruk, Ronald	Dalhousie University	Experimental Psychology
Kruzelecky, Roman	University of Toronto	Electrical Engineering
Kuksis, Anda	University of Toronto	Chemistry
Kung, Wah	University of Toronto	Aerospace Engineering
Kusalik, Anthony	University of British Columbia	Science Computer Science
Labelle, Jacques	Université de Montréal	Psychologie expérimentale
Labrador, Christopher	Concordia University	Computer Science
Labrèche, Martine	Université de Montréal	Mathématiques
Labrecque, Michel	Université de Montréal	Science végétale
Lacelle, Serge	United States	Physical Chemistry
Lacroix, Marcel	Ecole Polytechnique	Génie nucléaire
Laithier-Lauzon, Michelle	Université du Québec à Montréal	Géochimie et minéralogie
Lamarche, Louis	United States	Aeronautical Engineering
Lambert, Caroline	United States	Geophysics
Lamond, Bernard	University of British Columbia	Management Science
Lander, Clifford	University of British Columbia	Theoretical Physics
Langlet, Marie-France	Université de Montréal	Mathématiques
Lapierre, Claude	Université de Montréal	Géographie
Laplante, Martin	University of Ottawa	Chemistry
Lapointe, Claude	University of Manitoba	Nuclear Physics
Lapointe, Jean-Yves	Université de Montréal	Biophysique
Lapointe, Michel	McGill University	Geography
La Roche, Julie	Dalhousie University	Oceanography
LaRocque, Paul	University of Toronto	Physics
Lau, David	United States	Structural Engineering
Laurence, Jean-Roch	Concordia University	Experimental Psychology
Lavallée, Christine	University of Guelph	Biology
Laver, Kent	University of Toronto	Computer Science
Lavoie, Sylvie	Université de Montréal	Météorologie
Leahy-Marcoux, Denise	Norway	Soil Mechanics
Leavitt, Randall	Queen's University	Nuclear Physics
Leblanc, Daniel	Ecole Polytechnique	Génie civil
Leblanc, Yvan	University of Alberta	Physics
Leckie, Dale	McMaster University	Geology
Ledbetter, David	University of British Columbia	Zoology
Lee, Hyong	University of Waterloo	Electrical Engineering
Lee, Laura	University of British Columbia	Chemical Engineering
Lees, Jodi	University of Toronto	Zoology
Lénaré, Martin	Université de Montréal	Physique
Léger, Claire	Université de Montréal	Biologie
Legge, Raymond	University of Waterloo	Biology
Lehto, Douglas	Lakehead University	Geology
Le Nir, Alexandra	Concordia University	Mathematics
Leonard, Martha	Carleton University	Parasitology
Leonelli, Richard	Université de Montréal	Physique

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Lesins, G.	University of Toronto	Meteorology
Lessard, G.	England	Physical Chemistry
Lessard, Ghislain	United States	Civil Engineering
Leung, Victor	University of British Columbia	Electrical Engineering
Levandier, Dale	Dalhousie University	Chemistry
Lever, James	McMaster University	Mechanical Engineering
Lévesque, Denis	Université Laval	Chimie des polymères
Lévesque, Helene	Université de Montréal	Sciences biologiques
Levine, Michael	United States	Physics
Levinton, Fred	United States	Physics
Lewis, David	University of Toronto	Electrical Engineering
Lewis, Laurent	McGill University	Physics
Lewis, Richard	University of Alberta	Zoology
L'Heureux, Pierre	McGill University	Physics
Lickley, David	University of Alberta	Biology
Lindsay, William	University of British Columbia	Zoology
Loaring, Jaimie	University of Windsor	Genetics
Loczy, Katrin	Université de Sherbrooke	Chimie
Lodge, John	Queen's University	Electrical Engineering
Loevinsohn, Michael	Philippines	Zoology
Logan, John	University of Western Ontario	Electrical Engineering
Loh, William	United States	Electrical Engineering
Longpré, Luc	Université de Montréal	Science de l'informatique
Longtin, Luc	Denmark	Physics
Loranger, Sylvain	Université du Québec à Montréal	Zoologie
Lord, Daniel	Université Laval	Physiologie
Loubier, Sonia	Université de Montréal	Ecologie marine
Loveys, James	Simon Fraser University	Mathematics
Low, Stephen	Université de Montréal	Mathématiques
Lowe, David	United States	Computer Science
Lubiw, Anna	University of Waterloo	Combinatorics & Optimization
Lui, Shui-Tchang	University of Toronto	Computer Science
Lukowski, Thomas	United States	Physics
Lunn, Gerard	University of Alberta	Zoology
Lutz, Douglas	United States	Biology
Lytton, Jonathan	United States	Biochemistry
MacDonald, Leo	University of British Columbia	Biophysics
Macdonald, Colin	University of Guelph	Zoology
MacDonald, Glen	University of Toronto	Botany
MacFarlane, David	United States	Physics
MacGibbon, John	Queen's University	Mathematics
Mack, Peter	Dalhousie University	Chemistry
MacKay, Brian	McGill University	Computer Science
MacKay, Stephen	University of Waterloo	Computer Science
MacKenzie, Frank	University of Alberta	Geography
MacMartin, Stuart	University of British Columbia	Mathematics
MacPherson, William	University of Western Ontario	Geophysics
MacRae, William	University of British Columbia	Plant Science & Biochemistry
Maddison, Wayne	United States	Biology
Madras, Neal	United States	Operation Research (Math)
Mahoney, Anne	University of Calgary	Experimental Psychology
Mahoney, Shane	University of Calgary	Zoology
Mailhiot, Christian	United States	Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Majka, Marc	University of British Columbia	Computer Science
Makarenko, Darrell	University of Alberta	Computer Science
Maki, Brian	United States	Mechanical Engineering
Manji, Bashir	University of Guelph	Food Sciences
Mann, Douglas	University of Toronto	Mechanical Engineering
Mann, Patrick	England	Physics & Astrophysics
Maranda, Brian	University of British Columbia	Electrical Engineering
Marchand, Normand	Ecole Polytechnique	Génie métallurgique
Marchant, Gary	University of British Columbia	Genetics
Margeson, John	University of Ottawa	Chemical Engineering
Marjoribanks, Robin	United States	Plasma Physics
Marleau, Guy	McGill University	Physics
Marostica, Paul	University of Toronto	Physics
Marshall, Peter	University of British Columbia	Forestry
Marshall, Steve	University of Guelph	Entomology
Martel, Christine	United States	Polymer Chemistry
Martin, John	University of Toronto	Statistics
Martin, Katherine	Queen's University	Biology
Martin-Iverson, Mathew	University of British Columbia	Experimental Psychology
Mather, Diane	University of Guelph	Agriculture
Mathieu, Carolle	Université de Montréal	Géographie
Mayers, Arnold	York University	Experimental Psychology
Mayers, Dominic	Université de Montréal	Science de l'informatique
Mazza, Antonio	University of Toronto	Chemical Engineering
McAllister, William	University of Manitoba	Mechanical Engineering
McArthur, John	McMaster University	Geography
McBride, Anita	Simon Fraser University	Physics
McBride, Gwen	University of Alberta	Physiology
McBride, Raymond	University of Guelph	Soil Science
McCall, Marshall	United States	Astronomy
McCauley, Edward	McGill University	Marine Ecology
McClarty, Grant	University of Manitoba	Microbiology
McClelland, Linda	University of Guelph	Animal Science
McClennon, Scott	University of Toronto	Electrical Engineering
McCorquodale, David	University of Alberta	Animal Science
McDonald, Alexander	Guelph-Waterloo Centre	Physical Chemistry
McGarvey, Kathleen	University of British Columbia	Zoology
McGee, James	Carleton University	Electrical Engineering
McGregor, Paul	University of Toronto	Electrical Engineering
McInerney, Jeffrey	University of New Brunswick	Chemical Engineering
McInnis, Celia	University of Waterloo	Applied Mathematics
McIntosh, Allen	University of Toronto	Statistics
McKay, Blair	University of Waterloo	Systems Engineering
McKay, Robert	University of Manitoba	Animal Science
McKenna, Richard	University of Waterloo	Civil Engineering
McKenzie, Pierre	University of Toronto	Computer Science
McKinnon, Donald	University of Alberta	Zoology
McLaren, Debra	University of Manitoba	Plant Pathology
McLeese, Jennifer	University of Guelph	Environmental Sciences
McMillan, Barbara	University of Manitoba	Botany
McMillen, Gary	McMaster University	Electrical Engineering
McPhail, John	McMaster University	Mathematics
McRae, Donald	University of Waterloo	Biology
Meijer, Nico	University of Toronto	Electrical Engineering
Meleshko, Ronald	University of Alberta	Applied Mathematics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Melnick, Steven	McGill University	Chemistry
Melnyk, Alan	McMaster University	Chemical Engineering
Menard, Genevieve	Queen's University	Biology
Mercier, Francine	University of Guelph	Marine Science
Mercier, Pierre	McGill University	Experimental Psychology
Mercier, Richard	United States	Civil Engineering
Mess, Geoffrey	United States	Mathematics
Metcalfe, Murray	United States	Operation Research
Meunier, Michel	United States	Material Science
Mew, Daphne	University of British Columbia	Microbiology
Meyer, Wietse	University of New Brunswick	Soil Science
Middleton, John	Carleton University	Biology
Milchberg, Howard	United States	Plasma Physics
Millar, Jocelyn	Simon Fraser University	Organic Chemistry
Miller, Catharine	United States	Statistics
Miller, Debra	University of British Columbia	Zoology
Miller, Dwayne	United States	Physical Chemistry
Miller, John	University of New Brunswick	Geology
Mingo, James	Dalhousie University	Mathematics
Mischenko, Peter	University of Toronto	Mathematics
Mistlberger, Ralph	United States	Experimental Psychology
Mitchell, Emily	University of Toronto	Zoology
Monnier, Jacques	McMaster University	Chemical Engineering
Moon, Robert	University of Western Ontario	Applied Mathematics
Moore, Christopher	University of Waterloo	Physics
Moore, George	United States	Geophysics
Moreau, Christian	Université Laval	Physique nucléaire
Morris, William	University of Victoria	Plant Physiology
Morrison, Ian	Queen's University	Experimental Psychology
Morrison, Peter	University of British Columbia	Zoology
Morton, Christopher	United States	Geophysics
Mousseau, Guy	University of Ottawa	Electrical Engineering
Mullin Ready, Kerry	University of Western Ontario	Virology
Mundie, Debra	University of Waterloo	Mathematics
Munro, Hugh	University of Manitoba	Geography
Murphy, Diane	University of British Columbia	Zoology
Murray, Robert	University of Waterloo	Chemical Engineering
Murty, Vijayakumar	United States	Mathematics
Mustillo, Pardo	Concordia University	Experimental Psychology
Mutrie, Mark	University of Waterloo	Computer Science
Muzyka, Douglas	University of Western Ontario	Chemical Engineering
Nadeau, Hélène	United States	Physics
Nadeau, Pierre	Univ. du Québec à Trois-Rivières	Biophysique
Nagler, Stephen	University of Toronto	Physics
Nahon, Meyer	University of Toronto	Aeronautical Engineering
Nams, Margorie	Dalhousie University	Biology
Nash, Stephan	United States	Computer Science
Nassif, Nevine	McGill University	Electrical Engineering
Nazar, Linda	University of Toronto	Chemistry
Neal, James	University of Manitoba	Plant Science
Nemec, Amanda	United States	Statistics
Nettleton, Peter	University of Windsor	Civil Engineering
Newton, Paul	University of Waterloo	Computer Science
Ng, Esmond	University of Waterloo	Computer Science
Ng, George	University of Toronto	Chemistry

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Nicholson, Ronald	University of Waterloo	Geology
Nickerson, Harvey	University of New Brunswick	Electrical Engineering
Nielsen, Tore	University of Alberta	Experimental Psychology
Nierstrasz, Oscar	University of Toronto	Computer Science
Nilsson, Kristina	University of British Columbia	Food Sciences
Noakes, Don	University of Waterloo	Systems Engineering
Nogami, Jun	United States	Physics
Northcott, Colleen	University of New Brunswick	Organic Chemistry
Northcott, Pamela	University of Guelph	Zoology
Ober, Christopher	United States	Chemistry & Engineering
Oldford, Richmond	University of Toronto	Statistics
Oliva, Antonino	University of Toronto	Nuclear Engineering
Oliver, Katherine	University of British Columbia	Inorganic Chemistry
Olivier, Marc	McGill University	Physics
Opseth, Lyle	University of Saskatchewan	Computer Science
Orendorff, Judith	University of Toronto	Environmental Sciences
O'Rourke, John	United States	Plasma Physics
Orvig, C.	United States	Inorganic Chemistry
Osborne, David	University of British Columbia	Experimental Psychology
Osterman, Shirley	University of Waterloo	Chemistry
Ostoja-Starzewski, Martin	McGill University	Mechanical Engineering
O'Sullivan, Maurice	University of Toronto	Nuclear Physics
Ouellet, Jean	Université de Montréal	Mathématiques
Ouellet, Rachel	Université de Montréal	Mathématiques
Ouellette, Johanne	University of Guelph	Zoology
Owen, Robin	University of Toronto	Genetics
Owsiany, Dennis	University of Manitoba	Electrical Engineering
Owtrim, George	York University	Biochemistry
Page, Frederick	University of New Brunswick	Marine Science
Painchaud, Alain	Université de Sherbrooke	Géographie
Painchaud, Danielle	Université du Québec à Montréal	Entomologie
Paine, Michael	University of Guelph	Zoology
Palimaka, John	Queen's University	Physics & Astronomy
Paquet, Lise	University of Waterloo	Experimental Psychology
Paquin, Paul	Université de Sherbrooke	Biophysique
Paré, Claude	Université Laval	Physique
Parent, Jean-Guy	Université Laval	Virologie
Parlow, Shelley	University of Toronto	Experimental Psychology
Pasini, Daniel	University of British Columbia	Plasma Physics
Patterson, Cameron	University of Manitoba	Computer Science
Patterson, Lynn	McMaster University	Physics
Pauw, James	University of Western Ontario	Organic Chemistry
Paventi, Martino	Concordia University	Organic Chemistry
Peachey, Judith	University of Saskatchewan	Computer Science
Pearson, John	University of British Columbia	Plasma Physics
Pechan, Peter	England	Anatomy
Pednault, Edwin	United States	Artificial Intelligence
Pelletier, Emilien	McGill University	Chemistry
Pelot, Ronald	University of Alberta	Mechanical Engineering
Pennock, Daniel	Queen's University	Soil Science
Perlman, Gary	United States	Experimental Psychology
Perlmutter, Milton	Queen's University	Chemistry
Perras, Michel	Université du Québec à Montréal	Biologie
Perrault, Normand	University of Ottawa	Experimental Psychology
Perrier, Michel	Ecole Polytechnique	Génie chimique

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Perry, Ian	University of British Columbia	Oceanography
Perusse, Diane	McGill University	Biology
Peters, J.	University of British Columbia	Electrical Engineering
Pethrick, Wayne	University of Calgary	Mechanical Engineering
Petley, Shelley	University of New Brunswick	Computer Science
Pettigrew, Michel	University of Western Ontario	Theoretical Physics
Pham, Trung-Tri	McGill University	Mechanical Engineering
Phillips, Bryan	York University	Experimental Psychology
Pierrynowski, Michael	Simon Fraser University	Biomedical Engineering
Piilonen, Leo	United States	Nuclear Physics
Pinard, Sylvie	Université de Montréal	Géologie
Piper, Timothy	University of Toronto	Electronics & Elect. Eng.
Plato, Paul	University of British Columbia	Physics
Plebon, Darlene	University of Waterloo	Computer Science
Plessis, Pierre	Université Laval	Physique nucléaire
Podor, Thomas	United States	Pathology
Poirier, Alain	McGill University	Physics
Poirier, Claude	Ecole Polytechnique	Génie civil
Poissant, Arlette	Université de Montréal	Psychologie expérimentale
Poitras, Sylvie	Université de Montréal	Sciences biologiques
Polowick, Patricia	University of Western Ontario	Plant Science
Pomerleau, Yves	Université de Sherbrooke	Génie chimique
Pon, Richard	McGill University	Chemistry
Pope, Christiana	University of New Brunswick	Palaeontology
Popil, Roman	University of British Columbia	Plasma Physics
Porter, John	Carleton University	Chemistry
Post, Ellen	University of Toronto	Zoology
Potvin, Jean	United States	Physics
Prager, Robert	University of Toronto	Computer Science
Preston, John	University of Toronto	Physics
Price, Neil	University of British Columbia	Plant Physiology
Prieur, Serge	Université de Montréal	Mathématiques
Pringle, Daniel	Queen's University	Electrical Engineering
Proulx, Gilbert	University of Guelph	Biology
Proulx, Michel	Université Laval	Physique nucléaire
Przybylski, Martin	University of Toronto	Electrical Engineering
Przybylski, Steven	United States	Electrical Engineering
Putz, Gordon	University of Alberta	Civil Engineering
Quinn, James	United States	Biology
Quinney, Terry	University of Western Ontario	Zoology
Racey, Thomas	University of Guelph	Physics
Ralfs, Arthur	United States	Applied Mathematics
Ralph, William	University of Waterloo	Mathematics
Rancourt, Denis	University of Toronto	Physics
Rasquinha, Deryl	University of Waterloo	Computer Science
Ratcliffe, Marilyn	University of British Columbia	Plant Ecology
Ray, James	McMaster University	Metallurgy
Reed, Bruce	University of Waterloo	Physics
Reeves, Donald	University of Waterloo	Resource Management
Reeves, Robert	University of Toronto	Electrical Engineering
Reid, Pamela	United States	Geology
Reid, Patricia	Acadia University	Ornithology
Reist, James	University of Toronto	Ichthyology & Herpetology
Renaud, Jean-Marc	University of Guelph	Physiology
Rendall, Alan	University of Alberta	Physical Chemistry

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Reynolds, Daniel	University of Guelph	Physics & Chemistry
Richard, Terri	University of Toronto	Experimental Psychology
Richards, Gregory	University of British Columbia	Metallurgy
Richardson, Howard	Simon Fraser University	Biology
Richardson, John	University of Alberta	Zoology
Richer, Jacques	England	Theoretical Physics
Rideout, Douglas	University of Alberta	Computer Science
Ridout, Rowena	University of Toronto	Civil Engineering
Roach, Arthur	United States	Molecular Biology
Robert, François	Ecole Polytechnique	Génie géologique
Roberts, Bruce	University of Ottawa	Biochemistry
Roberts, Debra	Dalhousie University	Oceanography
Robertson, Anthony	Carleton University	Experimental Psychology
Robinson, Gilbert	McMaster University	Experimental Psychology
Robitaille, Gilles	Université Laval	Biochimie
Roby, Dominique	Université de Montréal	Biologie
Rochon, Louis	McGill University	Electrical Engineering
Rockman, Gary	Concordia University	Experimental Psychology
Rodenhiser, David	University of Western Ontario	Zoology
Roebbelen, Peter	University of Toronto	Forestry
Roeser, Peter	University of Waterloo	Systems Engineering
Rogers, Wendy	McGill University	Computer Science
Rollins, David	United States	Mathematics
Romanow, Sandra	University of Waterloo	Biology
Rommens, Johanna	University of New Brunswick	Organic Chemistry
Rosset, Alan	University of Toronto	Computer Science
Rotenberg, Yehuda	University of Toronto	Mechanical Engineering
Rowe, Joanne	University of Ottawa	Food Sciences
Roy, Roger	University of British Columbia	Forestry
Roy, Sylvain	Belgium	Mechanical Engineering
Runnings, David	Simon Fraser University	Experimental Psychology
Rush, Diana	University of Toronto	Geography
Rushdy, Sherif	University of Alberta	Systems & Control
		Engineering
Rynard, Carolyn	United States	Chemistry
Sack, Mark	University of British Columbia	Electrical Engineering
Sacken, Ulrich	University of Waterloo	Physics
Saintonge, Gilles	Université de Montréal	Physique
Salisbury, Thomas	University of British Columbia	Mathematics
Salna, Dexter	United States	Civil Engineering
Salt, David	University of Waterloo	Mechanical Engineering
Sampson, Michael	Macdonald College	Plant Science
Samson, André	Université de Montréal	Psychologie expérimentale
Samson, Gaëtan	Université Laval	Génie civil
Samson, Réjean	Université Laval	Génie chimique
Sanders, Susan	Concordia University	Experimental Psychology
Sanders, William	Simon Fraser University	Biology
Saunders, Stephen	McGill University	Electrical Engineering
Sauntry, Wayne	University of Toronto	Molecular Biology
Savard, Jacques	Université Laval	Chimie
Savaria, Yvon	Ecole Polytechnique	Electronique et génie électrique
Saxton, Timothy	University of British Columbia	Electrical Engineering
Scarth, Douglas	University of Manitoba	Mechanical Engineering
Schell, M.	University of Toronto	Physical Chemistry

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Scherzinger, Bruno	University of Toronto	Electrical Engineering
Scheuhammer, Joseph	United States	Experimental Psychology
Scheunemann, André	McGill University	Computer Science
Schindler, Dwayne	Concordia University	Experimental Psychology
Schmidtke, Klaus	University of Waterloo	Civil Engineering
Schriver, Allison	University of New Brunswick	Structural Engineering
Schuller, Richard	University of British Columbia	Zoology
Schulz, Robert	United States	Physics
Scilley, Patricia	Queen's University	Experimental Psychology
Scott, Cynthia	Simon Fraser University	Zoology
Scott, Gregory	McMaster University	Animal Science
Seager, Suzanne	Carleton University	Mathematics
Seary, James	Queen's University	Electrical Engineering
Seguin, François	Ecole Polytechnique	Génie industriel
Séguin, Guy	England	Mathematics
Seida, Siegmur	University of Alberta	Structural Engineering
Seifert, Keith	University of British Columbia	Botany
Sejnoha, Vladimir	McGill University	Electrical Engineering
Selwyn, Lyndsie	United States	Physical Chemistry
Sergent, Justine	McGill University	Experimental Psychology
Severn, Shawn	Brock University	Zoology
Shand, Phyllis	University of Alberta	Food Sciences
Shaw, Susan	United States	Food Sciences
Shegelski, Mark	University of British Columbia	Theoretical Physics
Sheppard, Patrick	United States	Mathematics
Shore, Terence	University of British Columbia	Forestry
Shypit, Rickey	University of British Columbia	Physics
Silburt, Alan	Carleton University	Electrical Engineering
Sim, Soon	University of Toronto	Industrial Engineering
Simmons, Stanley	Queen's University	Electrical Engineering
Simoneau, Bruno	Université Laval	Chimie
Sinervo, Juha	United States	Physics
Singh, David	University of Ottawa	Physics
Skinner, Blair	University of Manitoba	Material Science
Slater, Gary	Université de Sherbrooke	Physique
Small, Christopher	England	Mathematics
Smith, Brian	Concordia University	Experimental Psychology
Smith, Carol	University of Alberta	Computer Science
Smith, Daniel	University of Alberta	Geography
Smith, Donald	University of Guelph	Agriculture
Smith, Gary	McGill University	Geology
Smith, John	University of Guelph	Parasitology
Smith, Matthew	United States	Mathematics
Smith, Richard	Queen's University	Chemistry
Smith, Sandra	University of Guelph	Entomology
Smocovitis, Vassiliki	University of Toronto	Plant Pathology
Smol, John	Queen's University	Zoology
Smyth, David	University of Waterloo	Geology
So, Hin-Cheung	England	Chemistry
Sobie, Randall	University of Toronto	Nuclear Physics
Somma, Janine	Université de Montréal	Géographie
Soroka, Sherri	University of Toronto	Experimental Psychology
Soteros, Christine	United States	Applied Mathematics
Sousa, Elvino	University of Toronto	Electrical Engineering
Spence, George	University of British Columbia	Geophysics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Spencer, David	University of British Columbia	Nuclear Chemistry
Spetch, Marcia	University of British Columbia	Experimental Psychology
Srour, Gabriel	McGill University	Mathematics
Stapells, David	University of Ottawa	Experimental Psychology
Stark, Heather	United States	Experimental Psychology
Stashuk, Daniel	McMaster University	Electrical Engineering
Steele, Douglas	University of Waterloo	Systems Engineering
Steele, Paul	University of Western Ontario	Computer Science
Steele, Peter	University of Western Ontario	Computer Science
Steer, David	University of British Columbia	Electronics & Elect. Eng.
Stefanatos, Gerry	England	Experimental Psychology
Steiger, Howard	McGill University	Experimental Psychology
Stein, Jean	United States	Forestry
Stephens, Mark	University of Alberta	Structural Engineering
Stevens, Coleen	University of Guelph	Microbiology
Stewart, James	Dalhousie University	Plant Ecology
Stinson, Elizabeth	University of Alberta	Zoology
St-Jacques, Benoit	Macdonald College	Biology
Stockmal, G.	United States	Geology
Stokes, Kathryn	Carleton University	Experimental Psychology
Stonard, Richard	University of British Columbia	Oceanography
Story, Valerie	York University	Biology
St. Pierre, Paul	England	Structural Engineering
Strecker, Timothy	University of Calgary	Electrical Engineering
Struthers, Cynthia	University of Waterloo	Statistics
Stubina, Nathan	McGill University	Metallurgy
Stukel, Thérèse	University of Toronto	Statistics
Sudicky, Edward	University of Waterloo	Earth Sciences
Suen, John	United States	Electrical Engineering
Summerbell, Richard	University of British Columbia	Botany
Surgenor, Brian	Queen's University	Engineering Physics
Swanson, Terry	United States	Plant Pathology
Sylvain, Gaston	Université de Montréal	Sciences biologiques
Szeliski, Richard	University of British Columbia	Electrical Engineering
Szymanski, Ted	University of Toronto	Electrical Engineering
Tacik, Roman	University of British Columbia	Nuclear Physics
Taggart, Christopher	McGill University	Zoology
Talbot, Emile	University of Toronto	Physics
Tan, Phalkun	Ecole Polytechnique	Génie géologique
Tanguay, Monique	Université de Montréal	Mathématiques
Taraschuk, Cathleen	Carleton University	Civil Engineering
Taylor, Alan	University of British Columbia	Molecular Science
Taylor, Brian	University of Waterloo	Soil Mechanics
Taylor, Gregg	Queen's University	Chemistry
Teal, Peter	United States	Entomology
Teene, Andres	University of Waterloo	Electrical Engineering
Tellier, Raymond	McGill University	Physics & Mathematics
Terzopoulos, Demetri	United States	Artificial Intelligence
Tessier, David	University of Ottawa	Chemistry
Tessier, Gérard	McGill University	Geophysics
Tétreault, Lise	Université de Montréal	Géographie
Théberge, Alain	Université de Montréal	Statistiques
Théberge, Serge	University of British Columbia	Physics
Thibault, Christian	Université de Montréal	Statistiques
Thomas, Brian	University of British Columbia	Metallurgical Engineering

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Thomas, Daniel	University of Toronto	Chemistry
Thomas, Donald	Scotland	Zoology
Thompson, William	Queen's University	Experimental Psychology
Thomson, David	Lakehead University	Forestry
Thomson, James	McGill University	Chemical Engineering
Thorburn, Jane	University of Alberta	Structural Engineering
Thorpe, Jeffrey	United States	Plant Ecology
Thorpe, Leigh	University of Toronto	Experimental Psychology
Thorpe, Steven	University of Toronto	Metallurgy
Tinker, Donald	Memorial University	Biochemistry
Tomasiewicz, Dale	University of Saskatchewan	Soil Science
Tomcej, Raymond	University of Alberta	Chemical Engineering
Tompkins, Arlene	University of Manitoba	Marine Ecology
Tork, Hillar	University of Toronto	Electrical Engineering
Toyonaga, Barry	University of Toronto	Organic Chemistry
Trainor, Charles	University of Toronto	Physics
Treen, Margaret	McGill University	Biochemical Engineering
Tremblay, Pierre	Université Laval	Génie électrique
Trickey, Howard	United States	Computer Science
Trottier, Jacques	Université du Québec à Montréal	Géochimie et minéralogie
Trudel, Anne	McMaster University	Nuclear Physics
Trueman, David	University of Toronto	Entomology
Tsaltas, Eleftheria	England	Experimental Psychology
Turcotte, Gilles	Université de Sherbrooke	Chimie théorique
Turcotte, Richard	McGill University	Nuclear Physics
Turmel, Monique	Dalhousie University	Genetics
Tutt, Marcel	University of Waterloo	Electrical Engineering
Urton, Gregory	Queen's University	Mathematics
Vaisey, D.	Queen's University	Electrical Engineering
Vallée, Marc-Alex	University of Toronto	Geophysics
Vallieres, Louise	Univ. du Québec à Trois-Rivières	Sciences de l'environnement
Van Calsteren, Marie	Université de Sherbrooke	Chimie organique
Van Der Kraak, Glen	University of British Columbia	Zoology
Vandernoot, Theodore	Carleton University	Chemistry
Van der Vooren, Antoon	University of Toronto	Chemical Engineering
Van Roessel, Henry	University of Waterloo	Applied Mathematics
Van Schyndel, André	University of British Columbia	Physics
Vardi, Ilan	United States	Mathematics
Vecchio, Frank	University of Toronto	Structural Engineering
Venus, David	University of Toronto	Physics
Veregin, Richard	University of Manitoba	Chemistry
Verly, Georges	United States	Geology
Vézina, Alain	McGill University	Zoology
Viberg, Neil	University of Alberta	Computer Science
Vilim, Richard	United States	Nuclear Engineering
Villeneuve, Benoit	Université de Montréal	Physique
Vink, Erik	University of Alberta	Computer Science
Vokey, John	McMaster University	Experimental Psychology
Von Flotow, Andreas	United States	Aerospace Engineering Science
Walker, Anne	University of Guelph	Pathology
Walker, Debbie-Lee	University of Toronto	Inorganic Chemistry
Walters, Robert	Queen's University	Electrical Engineering
Ward, Gary	United States	Marine Science
Ward, William	York University	Physics

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Wares, Robert	McGill University	Geology
Wassink, Berend	University of British Columbia	Chemistry
Waterer, Douglas	University of Manitoba	Horticulture
Wayner, Dania	Dalhousie University	Organic Chemistry
Weber, Elke	United States	Experimental Psychology
Weinberg, Lynne	Queen's University	Chemistry
Weinmaster, Gerry	University of Saskatchewan	Veterinary Microbiology
Weinstein, John	University of Toronto	Physics
Weirich, Andreas	University of Manitoba	Electrical Engineering
Weiss, Ale	McGill University	Artificial Intelligence
Weiss, Johannes	University of Alberta	Electrical Engineering
Wendorf, James	United States	Computer Science
Werk, Kenneth	United States	Plant Ecology
Westwood, Jon	University of Calgary	Biology
Whiffen, Bruce	Memorial University	Molecular Science
White, Andrew	University of Waterloo	Mathematics
White, John	Carleton University	Chemistry
Whittaker, Mark	University of Guelph	Zoology
Whittlesea, Bruce	McMaster University	Experimental Psychology
Whitwam, Firth	University of Toronto	Computer Science
Wildberger, Norman	United States	Mathematics
Wildman, Timothy	University of Manitoba	Chemistry
Wilfong, Gordon	United States	Computer Science
Wilkie, Michael	University of Toronto	Computer Science
Williams, Deborah	University of New Brunswick	Experimental Psychology
Williamson, James	University of Toronto	Physical Chemistry
Williamson, Susan	Dalhousie University	Biochemistry
Willmot, Gordon	University of Waterloo	Statistics
Willms, Jane	University of Guelph	Genetics
Wilson, Christopher	University of Toronto	Computer Science
Wilson, Jean	Université de Montréal	Physique des plasmas
Wilson, John	United States	Civil Engineering
Winter, Calvin	Simon Fraser University	Physics
Wolfe, Sean	University of Saskatchewan	Plasma Physics
Wolfson, Jon	United States	Mathematics
Wolkowicz, Gail	University of Alberta	Mathematics
Woloski, Barry	University of Manitoba	Biochemistry
Wong, Brenden	University of Toronto	Physics
Wong, Colin	University of British Columbia	Geological Engineering
Wong, Fu	University of Toronto	Experimental Psychology
Wong, Stephen	University of Toronto	Electrical Engineering
Wong, Susan	University of New Brunswick	Mechanical Engineering
Wood, Christopher	University of British Columbia	Fisheries
Woodruff, Gilliam	Queen's University	Electrical Engineering
Wright, David	United States	Statistics
Wright, Jane	United States	Entomology
Wypkema, Ronald	Queen's University	Animal Science
Yada, Rickey	University of British Columbia	Food Sciences
Yamanaka, Janet	United States	Astronomy
Yan, Andrew	University of British Columbia	Electrical Engineering
Yang, Jaynie	University of Waterloo	Biology
Yang, Oliver	University of Toronto	Electrical Engineering
Yates, Brian	University of Western Ontario	Chemistry
Yokubynas, Raymond	York University	Experimental Psychology
Zagorski, Walter	University of Toronto	Chemical Engineering

2.1.2. Postgraduate Scholarships / Bourses postgrade

2.1.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Zellen, Wendy	University of Guelph	Food Sciences
Zelt, Jeffrey	United States	Aeronautical Engineering
Ziauddin, Asma	University of Guelph	Genetics
Ziegler, William	University of British Columbia	Nuclear Physics
Zinck, Jennifer	United States	Chemistry
Zwinkels, Joanne	University of Alberta	Physical Chemistry

2.1. University / Université

2.1.3. Postgraduate Scholarships in Science Librarianship and Documentation / Bourses d'études supérieures en bibliothéconomie et documentation scientifiques

2.1.3.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Doucet, Yves	Université de Montréal	Bibliothéconomie
Dunn, Judith	Dalhousie University	Library Science
Goldberg, Naomi	University of Toronto	Library Science
Gould, Ellen	McGill University	Library Science
Lauzon, Yvan	Université de Montréal	Bibliothéconomie
Malenfant, Linda	Université de Montréal	Bibliothéconomie
Maranda, Suzanne	University of British Columbia	Library Science
McRae, Sandra	McGill University	Library Science
Simard, Katy	Université de Montréal	Bibliothéconomie
Sinclair, V.	Dalhousie University	Library Science
Singleton, Cynthia	University of Western Ontario	Library Science

2.1.3. Postgraduate Scholarships in Science Librarianship and Documentation / Bourses d'études supérieures en bibliothéconomie et documentation scientifiques

2.1.3.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Killick, Lyn	University of Western Ontario	Library Science

2.1. University / Université

2.1.4. 1967 Science Scholarships / Bourses en sciences 1967

2.1.4.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Addison, Brenda	University of Western Ontario	Physical Chemistry
Arts, Michael	University of Toronto	Environmental Sciences
Bates, Ross	University of British Columbia	Physics
Bédard, Pierre	McGill University	Biology
Benson, Nancy	York University	Experimental Psychology
Bonneau, Anne	Institut Armand-Frappier	Virologie
Brimacombe, Robert	McMaster University	Physics
Capstick, Simon	University of Toronto	Theoretical Physics
Carr, Robert	University of Toronto	Physics
Chabot, Denis	Memorial University	Experimental Psychology
Charles, Anthony	University of British Columbia	Applied Mathematics
Chevrier, Peter	University of Toronto	Physical Chemistry
Cluett, William	University of Alberta	Engineering
Cormier, James	McGill University	Biochemistry
Corriveau, Louise	McGill University	Geology
Davies, Susan	University of Toronto	Experimental Psychology
De Lafontaine, Jean	University of Toronto	Aerospace Engineering
Diamond, James	University of Toronto	Science
Dingwell, Donald	University of Alberta	Computer Science
		Geology & Geophysics
Donaldson, Margaret	University of British Columbia	Marine Ecology
Dumont, Randall	University of Toronto	Theoretical Chemistry
Ekker, Marc	McGill University	Biology & Biochemistry
Ethier, Ross	University of Waterloo	Applied Mathematics
Firby, Robert	University of Saskatchewan	Physics
Godbout, Roseline	University of Toronto	Genetics
Guénette, Robert	McGill University	Mathematics
Hearn, Debbie	University of Calgary	Physics
Herman, Peter	University of Toronto	Engineering Physics
Hogan, Michael	University of Toronto	Physics
Hynes, Michael	University of Guelph	Microbiology
Kelland, Janice	University of Alberta	Biochemistry
Kendall, James	Carleton University	Engineering
LaFortune, Stéphane	McGill University	Electrical Engineering
Langille, Sharon	Tech. University of Nova Scotia	Biology
Le Blanc, Richard	University of Toronto	Aerospace Studies
Leffelaar, David	Queen's University	Animal Science
Loewen, Philip	University of British Columbia	Applied Mathematics
MacLellan, Patricia	University of Toronto	Botany
Mann, Robert	University of Toronto	Physics
Marczak, John	McMaster University	Nuclear Engineering
Marleau, Luc	McGill University	Physics
Marsolais, Richard	University of British Columbia	Physics
Mathieu, Pierre	McGill University	Physics
McCarthy, Nathalie	Centres INRS	Physique nucléaire
McCarthy, David	University of Toronto	Computer Science
McDow, John	University of Toronto	Physics
Morrison, Hugh	McMaster University	Nuclear Physics
Muir, Paul	University of Toronto	Computer Science
Mulhern, Peter	University of British Columbia	Physics
Mulligan, Lois	Queen's University	Genetics
Murray, Janice	University of Waterloo	Experimental Psychology
Nishimura, Richard	University of Toronto	Electrical Engineering
Northrup, Frederick	University of Toronto	Physical Chemistry
Ormiston, Scott	University of Waterloo	Mechanical Engineering

2.1.4. 1967 Science Scholarships / Bourses en sciences 1967

2.1.4.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Paddock, David	McGill University	Biochemical Engineering
Papineau, Madeleine	Centres INRS	Eau
Park, Ian	University of Ottawa	Biochemistry
Pennachetti, Catherine	University of Victoria	Biology
Petras, Michael	University of Toronto	Computer Science
Poirier, Pierre	Université de Montréal	Psychologie expérimentale
Poirier, Mario	University of Waterloo	Mathematics & Computer Science
Prosh, Eric	University of Western Ontario	Palaeontology
Rogowsky, David	University of Alberta	Structural Engineering
Rolland, Claude	McMaster University	Physics
Royer, Louise	University of British Columbia	Physics
Sawyer, Patrice	McGill University	Mathematics
Scharein, Robert	University of British Columbia	Physics & Astrophysics
Seward, Wendy	University of Toronto	Mathematics
Sharpe, Bruce	University of British Columbia	Physics & Mathematics
Sharpe, Peter	University of British Columbia	Physics & Mathematics
Spence, Andrew	University of British Columbia	Genetics
Thompson, Bradley	University of Western Ontario	Bacteriology & Immunology
Tibellius, Christine	Macdonald College	Plant Science
Tibellius, Karl	Macdonald College	Microbiology
Tucker, Bill	University of Toronto	Structural Engineering
Vallée, Anne	University of British Columbia	Animal Science
Viau, Christian	University of Calgary	Geology
Watt, Stephen	University of Waterloo	Applied Mathematics
Young, Kirsten	University of British Columbia	Food Sciences
Young, Jeff	University of Toronto	Physics
Zakarauskas, Pierre	University of British Columbia	Physics
Zochowski, Stan	University of Toronto	Physics

2.1.4. 1967 Science Scholarships / Bourses en sciences 1967

2.1.4.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Arts, Michael	University of Toronto	Environmental Sciences
Bates, Ross	University of British Columbia	Physics
Bédard, Andre	McGill University	Biology
Benson, Nancy	York University	Experimental Psychology
Bernard, John	University of British Columbia	Plasma Physics
Bernard, Pierre	Université Laval	Physique
Brimacombe, Robert	McMaster University	Physics
Capstick, Simon	University of Toronto	Theoretical Physics
Charles, Anthony	University of British Columbia	Mathematics
Cook, Allan	University of Alberta	Zoology
Corriveau, Louise	Queen's University	Geology
Davies, Susan	University of Toronto	Experimental Psychology
Davis, Gary	University of Toronto	Physics
De Lafontaine, Jean	University of Toronto	Aerospace Engineering Science
Diamond, James	University of Waterloo	Computer Science
DiCiccio, Thomas	University of Waterloo	Statistics
Dickinson, Robert	Queen's University	Applied Mathematics
Dingwell, Donald	University of Alberta	Geology & Geophysics
Ethier, Ross	University of Waterloo	Mechanical Engineering
Evans, John	University of Toronto	Aerospace Studies
Favreau, Richard	Université Laval	Géographie
Genest, Christian	University of British Columbia	Mathematics
Godbout, Roseline	University of Toronto	Medical Biophysics
Guénette, Robert	McGill University	Mathematics
Hearn, Debbie	University of British Columbia	Physics
Herman, Peter	University of Toronto	Engineering Physics
Hynes, Michael	University of Guelph	Microbiology
Ladd, Ivor	University of Toronto	Computer Science
Lafortune, Stéphane	McGill University	Electrical Engineering
Lalande, Claude	McGill University	Biology
Le Blanc, Richard	University of Toronto	Aerospace Studies
MacLellan, Patricia	University of Manitoba	Botany
Mann, Robert	University of Toronto	Physics
Marleau, Luc	McGill University	Physics
Marsolais, Richard	University of British Columbia	Physics
Nathieu, Pierre	McGill University	Physics
Mathies, Larry	University of Waterloo	Computer Science
McDow, John	University of Toronto	Physics
Morin, Gilbert	University of Toronto	Electrical Engineering
Morrow, Michael	University of British Columbia	Physics & Meteorology
Muir, Paul	University of Toronto	Computer Science
Mulhern, Peter	University of British Columbia	Physics
Murray, Janice	University of Waterloo	Experimental Psychology
Newhook, Ronald	University of Ottawa	Biology
Northrup, Frederick	University of Toronto	Chemistry
Papineau, Madeleine	Centres INRS	Eau
Pennachetti, Catherine	University of Victoria	Biology
Perry, Steve	University of British Columbia	Physiology
Petrás, Michael	University of Toronto	Computer Science
Poirier, Mario	University of Waterloo	Mathematics & Computer Science
Poirier, Pierre	Université de Montréal	Psychologie expérimentale
Pottle, Carleton	University of British Columbia	Computer Science
Rogowsky, David	University of Alberta	Civil Engineering

2.1.4. 1967 Science Scholarships / Bourses en sciences 1967

2.1.4.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Rolland, Claude	McMaster University	Physics
Royer, Louise	University of British Columbia	Physics
Saunders, Mary	University of Toronto	Medical Biophysics
Seward, Wendy	University of Toronto	Mathematics
Sharpe, Bruce	University of British Columbia	Mathematics
Sharpe, Peter	University of British Columbia	Mathematics
Spence, Andrew	University of British Columbia	Genetics
Talbot, Pierre	University of British Columbia	Biochemistry
Thompson, Bradley	University of Western Ontario	Bacteriology & Immunology
Tremblay, A.	University of British Columbia	Chemical Engineering
Turnbull, Gary	University of Guelph	Environmental Sciences
Vallée, Anne	University of British Columbia	Animal Science
Viau, Christian	University of Calgary	Geology
Vincent, Dwight	University of Toronto	Theoretical Physics
Whiteway, Malcolm	University of Alberta	Genetics
Williams, Jim	University of Toronto	Electrical Engineering
Young, Jeffrey	University of Toronto	Physics
Zakarauskas, Pierre	University of British Columbia	Physics
Zochowski, Stan	University of Toronto	Physics

2.1. University / Université

2.1.5. University Postdoctoral Fellowships / Bourses postdoctorales universitaires

2.1.5.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Adams, Julian	United States	Chemistry
Anstee, Richard	University of Waterloo	Mathematics
Ashkar, Fahim	Ecole Polytechnique	Génie civil
Baillargeon, Renée	United States	Experimental Psychology
Baker, Robert	University of British Columbia	Marine Ecology
Ballantyne, James	Carleton University	Biochemistry
Barbeito, Raphael	University of Waterloo	Experimental Psychology
Baribeau-Braun, Jacinthe	France	Experimental Psychology
Becke, Axel	Dalhousie University	Theoretical Chemistry
Béliveau, R.	United States	Biochemistry
Berger, Eric	United States	Mathematics
Boag, Peter	England	Biology
Boutilier, Robert	University of British Columbia	Physiology
Bull, Dale	United States	Experimental Psychology
Campbell, H.	University of Western Ontario	Mathematics
Carey, Charles	University of British Columbia	Genetics
Carlberg, Raymond	England	Astronomy
Chapais, Bernard	McGill University	Zoology
Chater, Elie	United States	Civil Engineering
Chin, Jik	United States	Organic Chemistry
Clement, Raymond	University of Waterloo	Chemistry
Coleman, John	United States	Plant Physiology
Cook, John	Australia	Physics & Chemistry
Crabtree, Dennis	University of British Columbia	Astronomy
Crainic, Teodor	McGill University	Management Science
De Buda, Peter	University of Toronto	Chemical Engineering
D'Iorio, Marie	Switzerland	Physics
Downing, John	Université de Montréal	Biologie
Dumont, Yvan	University of Toronto	Pharmacology
Duncan, Martin	United States	Physics & Astrophysics
Dunphy, Gary	Queen's University	Zoology
Eastwell, Kenneth	United States	Plant Science
El-Sakkary, Ahmed	McGill University	Systems & Control
Franklin, Patricia	University of Toronto	Engineering
Fletcher, Allen	United States	Experimental Psychology
Gegenberg, Jack	United States	Biological Science
Giguère, Louis	Simon Fraser University	Mathematics
Goldman, Samuel	University of British Columbia	Fisheries
Graf, Peter	University of Windsor	Nuclear Physics
Green, David	United States	Experimental Psychology
Hahn, Gena	France	Zoology
Halpern, Joseph	United States	Mathematics
Hames, Barry	United States	Mathematics & Computer Science
Hargreaves, Norris	United States	Organic Chemistry
Havas, Magda	University of British Columbia	Oceanography
Henderson, Deborah	United States	Marine Ecology
Hindsgaul, D.	University of Toronto	Entomology
Hockley, William	United States	Biochemistry
Holdom, Robert	University of Toronto	Experimental Psychology
Hsieh, William	United States	Physics
Huang, Yih	University of British Columbia	Oceanography
Iscoe, Ian	Memorial University	Experimental Psychology
Jakimik, Jola	United States	Mathematics
		Experimental Psychology

2.1.5. University Postdoctoral Fellowships / Bourses postdoctorales universitaires

2.1.5.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Kapur, Anil	University of New Brunswick	Chemistry
Keeler, Richard	England	Physics
Kepkay, Paul	United States	Oceanography
Konarska-Kozłowska, Maria	Carleton University	Genetics
Kyle, Ann	University of Alberta	Neurobiology
Kyle, David	United States	Plant Science & Biochemistry
Laurence, Laurence	United States	Experimental Psychology
Lieffers, Victor	University of Lethbridge	Botany
Lovejoy, Shaun	McGill University	Astronomy
Macartney, Donal	United States	Inorganic Chemistry
MacKinnon, B.	University of New Brunswick	Parasitology
Macvicar, Brian	United States	Biology
McAlary, Christopher	United States	Astronomy
McCall, Marshall	Australia	Astronomy
McCaskill, Robert	University of New Brunswick	Chemistry
Meaney, Michael	United States	Animal Science
Metcalf, Janet	United States	Experimental Psychology
Montgomery, David	United States	Physics
Morris, Douglas	University of Western Ontario	Animal Science
Morton, Howard	United States	Organic Chemistry
Narbonne, Guy	Université de Montréal	Géologie
Olson, Arthur	University of Saskatchewan	Botany
Orvig, Christopher	United States	Inorganic Chemistry
Owen, Robin	Australia	Genetics
Pagitsas, Michael	United States	Molecular Science
Parpal, Jean-Luc	Ecole Polytechnique	Physique
Pauls, Karl	University of British Columbia	Biology
Perry, Steve	University of British Columbia	Physiology
Piche, Michel	Centres INRS	Physique
Pick, Frances	McMaster University	Zoology
Porter, John	Carleton University	Chemistry
Potvin, Pierre	France	Organic Chemistry
Powell, Michael	United States	Organic Chemistry
Ramm, Peter	Queen's University	Experimental Psychology
Rioux, Claude	United States	Nuclear Physics
Rogers, Christopher	United States	Astronomy
Rood, Stewart	University of Toronto	Forestry
Shaw, Jocelyn	United States	Biology
Shelp, Barry	Queen's University	Plant Physiology
Sheta, Mohamed	University of Western Ontario	Soil Science
Shih, Ishiang	McGill University	Electrical Engineering
Shoubridge, Eric	England	Biochemistry
Smith, James	Macdonald College	Parasitology
Sokolowski, Marla	York University	Genetics
Spetch, Marcia	United States	Experimental Psychology
Stephenson, Robert	Dalhousie University	Marine Science
Stinson, Douglas	University of Manitoba	Combinatorics & Optimization
Stonard, Richard	England	Organic Chemistry
Stredulinsky, Edward	United States	Mathematics
Sukhdeo, Michael	University of Toronto	Parasitology
Sutherland, Robert	University of Lethbridge	Experimental Psychology
Takeda, Kenneth	France	Neurobiology
Tannous, Charbel	United States	Physics

2.1.5. University Postdoctoral Fellowships / Bourses postdoctorales universitaires

2.1.5.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Te Linde, Derek	University of Calgary	Experimental Psychology
Thomas, Donald	Carleton University	Zoology
Treit, Dallas	United States	Experimental Psychology
Urquhart, Aileen	University of Ottawa	Food Sciences
Valin, Pierre	McGill University	Physics
Vallée, Marcel	McGill University	Statistics
Villeneuve, David	United States	Physics
Vinet, Luc	United States	Theoretical Physics
Wardlaw, David	United States	Physics & Chemistry
Wheatley, Margaret	University of Toronto	Biochemical Engineering
White, Robert	England	Organic Chemistry
Wilson, John	United States	Zoology
Wright, Richard	Université de Montréal	Géographie
Wyndham, Robert	England	Microbiology
Yee, Howard	United States	Astronomy

2.1.5. University Postdoctoral Fellowships / Bourses postdoctorales universitaires

2.1.5.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Adamson, M.	France	Parasitology
Appy, Ralph	University of Guelph	Parasitology
Bailey, Ian	University of British Columbia	Physics
Ballantyne, James	England	Biology
Baribeau-Braun, Jacinthe	France	Biology
Bartoszek, Frank	United States	Physical Chemistry
Basinger, James	Australia	Botany
Béliveau, Richard	United States	Biochemistry
Bush, Albert	Memorial University	Parasitology
Carlberg, Raymond	England	Astronomy
Cwynar, Leslie	United States	Botany
Dale, Mark	University of British Columbia	Genetics
De Buda, Peter	University of Toronto	Chemical Engineering
Dubeau, François	Université de Montréal	Combinatoires et optimisation
Dunphy, Gary	Queen's University	Zoology
Eastwell, Kenneth	United States	Plant Science
El Nokali, Mahmoud	McGill University	Electrical Engineering
English, Ann	United States	Chemistry
Franklin, Patricia	University of Toronto	Experimental Psychology
Gifford, David	University of Calgary	Plant Science & Biochemistry
Goldfarb, Lev	McGill University	Computer Science
Goldstein, Norman	University of British Columbia	Mathematics
Gravel, Pierre	McGill University	Theoretical Physics
Gross, Mart	United States	Biology
Hamilton, Peter	England	Physical Chemistry
Harley, Calvin	United States	Molecular Biology
Havas, Magda	United States	Entomology
Holdsworth, David	Queen's University	Physics
Iscoe, Ian	United States	Mathematics
Jackson, Gail	United States	Biochemistry
Jakimik, Jola	United States	Experimental Psychology
Johnston, Randall	United States	Biology
Joos, B.	United States	Physics
Kapur, Anil	University of New Brunswick	Chemistry
Keeler, Richard	England	Physics
Kepkay, Paul	United States	Marine Science
Kitts, David	United States	Animal Physiology
Kreitzman, Sydney	Israel	Physics
Kyle, David	United States	Plant Science & Biochemistry
Lem, Nora	United States	Plant Science & Biochemistry
MacKinnon, Barbara	University of New Brunswick	Parasitology
MacVicar, Brian	United States	Neurobiology
Maher, Timothy	United States	Computer Science
McCaskill, Robert	University of New Brunswick	Chemistry
Melemis, Steven	United States	Statistics
Merrifield, Peter	United States	Biology
Miller, Lawrence	United States	Experimental Psychology
Montgomery, David	United States	Physics
Morris, Douglas	University of Western Ontario	Zoology
Morton, Howard	United States	Organic Chemistry
Narbonne, Guy	Université de Montréal	Paléontologie

2.1.5. University Postdoctoral Fellowships / Bourses postdoctorales universitaires

2.1.5.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Nguyen-Dang, Thanh	McMaster University	Theoretical Chemistry
Normandin, Richard	United States	Physics
O'Donnell, Michael	England	Zoology
Pagitsas, Michael	United States	Molecular Science
Piché, Michel	Centres INRS	Physique nucléaire
Picman, Jaroslav	University of British Columbia	Animal Science
Pitchik, Carolyn	United States	Mathematics
Poirier, Raymond	France	Chemistry
Pudritz, Ralph	England	Physics & Astrophysics
Rombough, Peter	University of British Columbia	Fisheries
Ross, Howard	University of Toronto	Biology
Rowe, John	England	Biophysics
Rowley, Brian	United States	Mathematics
Sayer, Richard	England	Physics
Scheibling, Robert	United States	Marine Ecology
Shelton, Brian	United States	Experimental Psychology
Shoubridge, Eric	England	Biochemistry
Smith, Roger	United States	Organic Chemistry
Spittlehouse, David	University of British Columbia	Soil Science
Sukhdeo, Michael	University of Toronto	Parasitology
Treit, Dallas	United States	Experimental Psychology
Valin, Pierre	McGill University	Physics
Vallée, Marcel	McGill University	Statistics
Villeneuve, David	United States	Plasma Physics
Vinet, Luc	United States	Theoretical Physics
White, Joseph	England	Geology
White, Mary	England	Physical Chemistry
Wiegand, Murray	Memorial University	Fisheries
Yee, Howard	United States	Astronomy
Ziegler, T.	McMaster University	Chemistry

2.1. University / Université

2.1.6. University Research Fellowships / Chercheurs-boursiers universitaires

2.1.6.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Adams, B.	University of New Brunswick	Chemistry
Akyel, C.	Ecole Polytechnique	Génie électrique
Argyropoulos, Stavros	McGill University	Metallurgy
Baker, Michael	University of Guelph	Parasitology
Barrett, Timothy	University of Toronto	Geochemistry & Mineralogy
Basinger, James	University of Saskatchewan	Botany
Bell, M.	University of Manitoba	Mathematics
Besner, D.	University of Waterloo	Experimental Psychology
Bird, D.	McGill University	Biology
Bisztriczky, T.	University of Calgary	Mathematics
Boucher, François	Univ. du Québec à Trois-Rivières	Biochimie
Burke, R.	University of Victoria	Marine Science
Cawthorn, R.	University of Saskatchewan	Parasitology
Ceri, Howard	University of Calgary	Microbiology
Cochrane, R.	Université de Montréal	Physique
Cooper, David	McGill University	Biochemical Engineering
Daunt, S.	Concordia University	Chemistry
Davis, J.	University of Guelph	Biophysics
De Catanzaro, Denys	McMaster University	Experimental Psychology
Douglas, Robert	McGill University	Experimental Psychology
Dyer, C.	University of Toronto	Physics & Astronomy
Farrell, A.	Mount Allison University	Zoology
Fawzi, Tharwat	University of Toronto	Electrical Engineering
Feller, Michael	University of British Columbia	Forestry
Fong, C.	University of Toronto	Mathematics
Forrest, Bruce	Dalhousie University	Chemistry
Gander, Robert	University of New Brunswick	Biomedical Engineering
Gates, M.	University of Toronto	Zoology
Gedamu, L.	University of Calgary	Biochemistry
Gesing, W.	University of Toronto	Systems & Control Engineering
Goldenberg, Andrei	University of Toronto	Systems & Control Engineering
Gottlieb, J.	University of Toronto	Aerospace Engineering
Goulden, I.	University of Waterloo	Science
Guntur, R.	Concordia University	Mathematics & Statistics
Harris, R.	McGill University	Mechanical Engineering
Hartner, G.	University of Toronto	Metallurgy
Hawthorne, F.	University of Manitoba	Physics
Heaslip, L.	University of Toronto	Earth Sciences
Heinrich, Katherine	Simon Fraser University	Metallurgy
Himmelman, John	Université Laval	Mathematics
Hitchcock, A.	McMaster University	Ecologie marine
Hoover, Douglas	Queen's University	Chemistry
Horton, D.	University of Alberta	Mathematics
Huner, Norman	University of Western Ontario	Botany
Ireland, Robert	Carleton University	Plant Physiology
Jackson, Kenneth	University of Toronto	Plant Physiology
Jacobs, William	Saint Mary's University	Computer Science
Jeng, R.	University of Toronto	Experimental Psychology
Jennings, B.	McGill University	Forest Pathology
Johnson, Douglas	University of Ottawa	Physics
Johnson, Webster	University of Toronto	Molecular Biology
Karamanos, R.	University of Saskatchewan	Mechanical Engineering
Kavaliers, M.	University of Western Ontario	Soil Science
		Zoology

2.1.6. University Research Fellowships / Chercheurs-boursiers universitaires

2.1.6.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Kennedy, Peter	University of Alberta	Animal Science
Kirk, D.	University of Toronto	Chemical Engineering
Knapton, Richard	Brock University	Zoology
Kocay, W.	University of Manitoba	Combinatorics & Optimization
Kronberg, Barbara	University of Western Ontario	Geochemistry & Mineralogy
Kunstatter, Gabor	University of Toronto	Physics
Labrie, Jean-Pierre	Université de Montréal	Physique nucléaire
Lake, K.	Queen's University	Physics & Astrophysics
Latta, Bryan	Memorial University	Nuclear Physics
Layzell, David	Queen's University	Plant Physiology
Lefebvre, Serge	Ecole Polytechnique	Génie électrique
Leung, L.	University of Western Ontario	Experimental Psychology
Liu, Wing-Ki	University of Waterloo	Physics
Logan, G.	University of Toronto	Experimental Psychology
Lushington, K.	McMaster University	Chemistry
MacArthur, Robert	University of Manitoba	Zoology
Maire, A.	Univ. du Québec à Trois-Rivières	Ecologie et pédologie
Mak, H.	Queen's University	Nuclear Physics
Marshall, B.	McGill University	Mathematics
Martin Sanchez, Juan	University of Alberta	Systems & Control Engineering
Mather, J.	University of Western Ontario	Experimental Psychology
McCamis, Robert	University of Manitoba	Nuclear Research
McDonald, D.	McMaster University	Physiology
McKeon, D.	University of Western Ontario	Applied Mathematics
Mekler, A.	Simon Fraser University	Mathematics
Michener, G.	University of Lethbridge	Biology
Midgley, G.	University of Western Ontario	Experimental Psychology
Miller, E.	University of Toronto	Civil Engineering
Milman, P.	University of Toronto	Mathematics
Mingarelli, Angelo	University of Ottawa	Mathematics
Mollin, R.	Queen's University	Mathematics
Monchalín, J.	Ecole Polytechnique	Génie physique
Montgomery, R.	Queen's University	Ecology & Pedology
Moore, Gregory	University of Toronto	Mathematics
Morgan, M.	University of Waterloo	Earth Sciences
Morrison, Ian	University of Toronto	Mathematics
Mortimer, B.	Carleton University	Mathematics
Mucciardi, F.	McGill University	Metallurgical Engineering
Muter, Paul	University of Toronto	Experimental Psychology
Nargang, F.	University of Alberta	Biology
Naylor, Bruce	University of Alberta	Vertebrate Palaeontology
Newman, K.	Simon Fraser University	Chemistry
Oakley, R.	University of Calgary	Inorganic Chemistry
Orchard, I.	York University	Biology
Ossenkopp, Klaus-Peter	University of Western Ontario	Experimental Psychology
Page, John	Queen's University	Physics
Pedersen, Thomas	University of British Columbia	Geochemistry & Mineralogy
Petersen, Nils	University of Western Ontario	Physical Chemistry
Pilt, A.	McMaster University	Nuclear Physics
Pradhan, A.	University of Windsor	Nuclear Physics
Prasad, V.	Université de Sherbrooke	Mathématiques
Reid, J.	McMaster University	Physics
Robb, E.	University of Guelph	Plant Physiology

2.1.6. University Research Fellowships / Chercheurs-boursiers universitaires

2.1.6.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Robertson, Ann	McGill University	Experimental Psychology
Rollo, C.	McMaster University	Ecology & Pedology
Rose, Michael	Dalhousie University	Biology
Roshko, Roy	University of Manitoba	Physics
Roy, C.	Université de Sherbrooke	Génie chimique
Roy, René	Université Laval	Physique nucléaire
Saatcioglu, M.	University of Toronto	Structural Engineering
Samson, J.	University of Alberta	Physics
Sands, George	University of Calgary	Mathematics
Schrobligen, G.	McMaster University	Inorganic Chemistry
Seagull, Robert	Carleton University	Biology
Seckin, Mustafa	University of Toronto	Structural Engineering
Selick, Paul	University of Western Ontario	Mathematics
Shadwick, William	University of Waterloo	Applied Mathematics
Sharom, F.	University of Guelph	Biological Chemistry
Sherman, Igor	University of Toronto	Biomedical Engineering
Sherry, D.	University of Toronto	Experimental Psychology
Simard, Clovis	Université Laval	Sciences de l'alimentation
Soumis, F.	Université de Montréal	Recherches opérationnelles (math)
Spence, J.	University of Alberta	Entomology
Spitzer, J.	University of Lethbridge	Chemistry
Stacey, N.	University of Alberta	Zoology
Sullivan, G.	University of Waterloo	Chemistry & Chemical Engineering
Summers, John	Queen's University	Geology
Sutcliffe, James	University of Waterloo	Entomology & Parasitology
Thakkar, A.	University of Waterloo	Chemistry
Therien, H.	Univ. du Québec à Trois-Rivières	Biochimie
Thewalt, M.	Simon Fraser University	Physics
Tollenaar, M.	University of Guelph	Crop Science
Tsang, Adrian	York University	Molecular Biology
Tsezos, M.	McMaster University	Chemical Engineering
Turner, D.	Laurentian University	Astronomy
Vandenberg, Don	University of Victoria	Astronomy
Vinogradov, A.	University of Calgary	Civil Engineering
Von Grunau, M.	Queen's University	Experimental Psychology
Weatherhead, P.	Carleton University	Avian Pathology & Wildlife Diseases
Wesemael, François	Université de Montréal	Physique et astrophysique
Wesson, P.	University of Alberta	Physics & Astrophysics
Wetmore, Ross	University of Guelph	Chemistry
White, Mary	University of Waterloo	Physical Chemistry
Wright, Glenda	University of Toronto	Biology
Zacharko, R.	Carleton University	Experimental Psychology
Ziegler, Tom	University of Calgary	Inorganic Chemistry

2.1.6. University Research Fellowships / Chercheurs-boursiers universitaires

2.1.6.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Adams, B.	University of New Brunswick	Chemistry
Akyel, C.	Ecole Polytechnique	Génie électrique
Bell, M.	University of Manitoba	Mathematics
Besner, D.	University of Waterloo	Experimental Psychology
Bird, D.	McGill University	Biology
Bisztriczky, T.	University of Calgary	Mathematics
Burke, R.	University of Victoria	Marine Science
Cawthorn, R.	University of Saskatchewan	Parasitology
Cochrane, R.	Université de Montréal	Physique
Cozak, D.	Université Laval	Chimie organique
Daunt, S.	Concordia University	Chemistry
Davis, J.	University of Guelph	Biophysics
Dyer, C.	University of Toronto	Physics & Astronomy
Farrall, M.	University of Ottawa	Chemistry
Farrell, A.	Mount Allison University	Zoology
Fong, C.	University of Toronto	Mathematics
Garbary, J.	University of British Columbia	Botany
Gates, M.	University of Toronto	Zoology
Gedamu, L.	University of Calgary	Biochemistry
Gesing, W.	University of Toronto	Systems & Control Engineering
Gottlieb, J.	University of Toronto	Aerospace Engineering Science
Goulden, I.	University of Waterloo	Mathematics & Statistics
Grover, C.	Université Laval	Physique
Guntur, R.	Concordia University	Mechanical Engineering
Harris, R.	McGill University	Metallurgy
Hartner, G.	University of Toronto	Physics
Hawthorne, F.	University of Manitoba	Earth Sciences
Hickson, P.	University of British Columbia	Astronomy
Hitchcock, A.	McMaster University	Chemistry
Horton, D.	University of Alberta	Botany
Jeng, R.	University of Toronto	Forest Pathology
Jennings, B.	McGill University	Physics
Karamanos, R.	University of Saskatchewan	Soil Science
Kavaliers, M.	University of Western Ontario	Zoology
Kirk, D.	University of Toronto	Chemical Engineering
Kocay, W.	University of Manitoba	Combinatorics & Optimization
Lake, K.	Queen's University	Physics & Astrophysics
Leung, L.	University of Western Ontario	Experimental Psychology
Logan, G.	University of Toronto	Experimental Psychology
Lushington, K.	McMaster University	Chemistry
MacKay, Alexander	University of British Columbia	Nuclear Physics
Maire, A.	Univ. du Québec à Trois-Rivières	Ecologie et pédologie
Mak, H.	Queen's University	Nuclear Physics
Marshall, B.	McGill University	Mathematics
Mather, J.	University of Western Ontario	Experimental Psychology
McDonald, D.	McMaster University	Physiology
McKeon, D.	University of Western Ontario	Applied Mathematics
Mekler, A.	Simon Fraser University	Mathematics
Michener, G.	University of Lethbridge	Biology
Midgley, G.	University of Western Ontario	Experimental Psychology
Miller, E.	University of Toronto	Civil Engineering
Milman, P.	University of Toronto	Mathematics
Mollin, R.	Queen's University	Mathematics

2.1.6. University Research Fellowships / Chercheurs-boursiers universitaires

2.1.6.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Monchalín, J.	Ecole Polytechnique	Génie physique
Montgomerie, R.	Queen's University	Ecology & Pedology
Morgan, M.	University of Waterloo	Earth Sciences
Mortimer, B.	Carleton University	Mathematics
Mucciardi, F.	McGill University	Metallurgical Engineering
Nargang, F.	University of Alberta	Biology
Newman, K.	Simon Fraser University	Chemistry
Oakley, R.	University of Calgary	Inorganic Chemistry
Orchard, I.	York University	Biology
Perkins, E.	University of British Columbia	Statistics
Pilt, A.	McMaster University	Nuclear Physics
Pradhan, A.	University of Windsor	Nuclear Physics
Prasad, V.	Université de Sherbrooke	Mathématiques
Reid, J.	McMaster University	Physics
Robb, E.	University of Guelph	Plant Physiology
Rollo, C.	McMaster University	Ecology & Pedology
Roy, C.	Université de Sherbrooke	Génie chimique
Saatcioglu, M.	University of Toronto	Structural Engineering
Samson, J.	University of Alberta	Physics
Schrobligen, G.	McMaster University	Inorganic Chemistry
Scott, D.	Dalhousie University	Geology
Sharaf, A.	University of Manitoba	Electrical Engineering
Sharon, F.	University of Guelph	Biological Chemistry
Sherry, D.	University of Toronto	Experimental Psychology
Soumis, F.	Université de Montréal	Recherches opérationnelles (math)
Spence, J.	University of Alberta	Entomology
Spitzer, J.	University of Lethbridge	Chemistry
Stacey, N.	University of Alberta	Zoology
Sullivan, G.	University of Waterloo	Chemistry & Chemical Engineering
Thakkar, A.	University of Waterloo	Chemistry
Therion, H.	Univ. du Québec à Trois-Rivières	Biochimie
Thewalt, M.	Simon Fraser University	Physics
Tollenaar, M.	University of Guelph	Crop Science
Tsezos, M.	McMaster University	Chemical Engineering
Turner, D.	Laurentian University	Astronomy
Vinogradov, A.	University of Calgary	Civil Engineering
Von Grunau, M.	Queen's University	Experimental Psychology
Weatherhead, P.	Carleton University	Avian Pathology & Wildlife Diseases
Wesson, P.	University of Alberta	Physics & Astrophysics
Zacharko, R.	Carleton University	Experimental Psychology

2.1.7. E.W.R. Steacie Memorial Fellowships/Bourses Commémoratives E.W.R. Steacie

Name Department University	Field of Research	Award initiated
Nom Département Université	Domaine de recherche	Bourse prenant effet
H. Alper Department of Chemistry University of Ottawa	Organometallic Chemistry	1980-81
C. Beaumont Department of Oceanography Dalhousie University	Solid Earth Geophysics	1981-82
J.D. Bewley Department of Biology University of Calgary	Plant physiology	1979-80
J.K. Brimacombe Department of Metallurgical Engineering University of British Columbia	Mathematical Analysis of Metallurgical Processes	1980-81
M.S. Cynader Department of Psychology Dalhousie University	Neurophysiology of the visual system	1979-80
J.P. Guthrie Department of Chemistry University of Western Ontario	Enzyme Mechanisms	1980-81
R.I.L. Guthrie Department of Mining and Metallurgical Engineering McGill University	Metallurgy	1979-80
A.D. Pelton Département de génie métallurgique Ecole Polytechnique (Montréal)	Thermodynamics	1981-82
R.E. Peter Department of Zoology University of Alberta	Reproductive Physiology	1980-81
A.G. Phillips Department of Psychology University of British Columbia	Neural mechanisms of memory	1979-80
D.P.S. Verma Department of Biology McGill University	Molecular Biology	1981-82
M. Vidyasagar Department of Electrical Engineering University of Waterloo	System Theory	1981-82

2.2. Industry / Industrie

2.2.1. Undergraduate Industrial Summer Research Awards / Bourses de recherche d'été (1er cycle) en milieu industriel

2.2.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Albanese, Fred	Imperial Oil Limited	Chemical Engineering
Archibald, Geoffrey	ECO - Tec Ltd.	Chemical Engineering
Bailey, James	United Petro Laboratories	Chemistry
Bailey, Richard	Alberta Masonry Institute	Civil Engineering
Bello, Carmine	Cambrian Engineering Group Ltd.	Food Sciences
Berdych, Richard	Miller Communications Systems Ltd.	Electrical Engineering
Berg, David	Norwest-Priva Plant Lab. Inc.	Chemistry
Bernasch, Frank	ECO - Tec Ltd.	Mechanical Engineering
Bertoia, Renzo	Abitibi Paper Company	Chemistry
Berube, Huguette	Association Coopérative des	Biologie
Boettger, Thomas	Uniroyal Limited	Organic Chemistry
Boos, Carolin	Uniroyal Limited	Chemistry
Borrillo, Angelo	Uniroyal Limited	Organic Chemistry
Boudreau, Gary	Miller Communications Systems Ltd.	Electrical Engineering
Brown, David	Nova Scotia Research Foundation	Engineering Physics
Brown, Mark	International Drilling Fluids	Geological Engineering
Bruce, Grant	Norwest-Priva Plant Lab. Inc.	Chemistry
Cadeau, William	Agra Industries Ltd	Biology
Cameron, Kerry	Stelco Inc.	Mechanical Engineering
Cartier, Mireille	Centre de chimie J.R.J. Paré Ltée	Chimie
Chabot, Raymond	Forintek Canada Corporation	Entomology
Chojnacki, Mark	Control Data Canada Ltd.	Computer Science
Cibere, Joseph	SED Systems Ltd.	Electrical Engineering
Cooke, Debra	Union Carbide Canada Limited	Chemistry
Cope, Shaunalea	Uniroyal Limited	Chemistry
Copeland, Catherine	Uniroyal Limited	Organic Chemistry
Delaney, Brian	Miller Communications Systems Ltd.	Applied Mathematics
Devon, Michael	Rematech Industries Inc.	Chemistry
Diloreto, Bruno	Dominion Foundries and Steel Ltd.	Electrical Engineering
Drolet, Pierre	Qit-Fer & Titane Inc.	Génie chimique
Duarte, Cabral	Barringer Research Ltd.	Electrical Engineering
Dufour, Bruno	Reed Inc.	Génie mécanique
Dumas, Jean	Qit-Fer & Titane Inc.	Métallurgie et génie métallurgique
Dutcher, John	Nova Scotia Research Foundation	Electrical Engineering
Earl, Paul	Dupont of Canada Limited	Chemical Engineering
Fiore, Pat	Qit-Fer & Titane Inc.	Génie métallurgique
Frizzell, Mark	De Havilland Aircraft of Canada	Aeronautical Engineering
Giesbrecht, Ronald	H.J. Heinz Company of Canada Ltd.	Biology
Griffin, Annie	Forintek Canada Corporation	Forestry
Gross, Melitta	Forintek Canada Corporation	Forestry
Hancock, Robert	Cardinal Biologicals Limited	Microbiology
Harbison, Andrew	Labatt Breweries of Canada Ltd.	Biology
Hebert, Daniel	Dupont of Canada Limited	Chemical Engineering
Herbert, John	Diagnostic Chemicals Limited	Chemistry
Hill, Norman	Seekem Oceanography Ltd.	Computer Science
Hiltz, Geoffrey	SED Systems Ltd.	Engineering
Holme, Kevin	The Griffith Laboratories Ltd.	Chemistry
Hyatt, Calvin	Stelco Inc.	Métallurgy
Jared, Linda	Pulp and Paper Research Inst.	Chemistry
Jones, Donna	Labatt Breweries of Canada Ltd.	Biology
Jonkman, Jacobus	Linear Technology	Electrical Engineering
Jung, Tom	Trench Electric Limited	Electrical Engineering
Kendall, James	Linear Technology	Engineering Physics
Klarer, Keith	Control Data Canada Ltd.	Electrical Engineering

2.2.1. Undergraduate Industrial Summer Research Awards / Bourses de recherche d'été (1er cycle) en milieu industriel

2.2.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Knoll, Chris	Forintek Canada Corporation	Forestry
Koelbl, Roy	New Brunswick Research	Metallurgy
Krigstin, Sally	Forintek Canada Corporation	Forestry
Kristufek, Edward	Cdn Instrumentation & Res Lt	Physics
Krotowski, Randal	Chemical Projects Ltd.	Chemical Engineering
Labrecque, Paul	Qit-Fer & Titane Inc.	Géologie
Lafrance, Jocelyn	Qit-Fer & Titane Inc.	Génie chimique
Langlois, Bertin	Qit-Fer & Titane Inc.	Génie métallurgique
Lasnier, Jean	Instrumentation G.D.D. Inc.	Génie électrique
Latchman, Suenarine	Nucro Technics Ltd.	Chemistry
Latham, Mark	Dupont of Canada Limited	Chemical Engineering
L'Ecuyer, Jacques	Canadian Refractories Ltd.	Metallurgical Engineering
Lefebvre, Martin	Miller Communications Systems Ltd.	Electrical Engineering
Lemery, Marc	Dominion Foundries and Steel Ltd.	Chemical Engineering
Lewis, Allan	Morrison, Hershfield, Burgess	Forestry
Lis, John	Stelco Inc.	Chemical Engineering
Longhurst, Sandra	Trench Electric Limited	Electrical Engineering
MacFadyen, Ian	Bate Chemical Company	Chemistry
MacKendrick, Richard	Dupont of Canada Limited	Chemical Engineering
MacKinnon, Janet	Diagnostic Chemicals Limited	Chemistry
Mallard, Robert	Stelco Inc.	Metallurgy
McColl, Andrew	ECO - Tec Ltd.	Mechanical Engineering
Mercier, Paul	Qit-Fer & Titane Inc.	Génie électrique
Miazga, Gregory	Alberta Masonry Institute	Civil Engineering
Miller, David	Borden Chemical Canada	Agronomy
Monczak, Andry	Qit-Fer & Titane Inc.	Génie électrique
Moon, Tae-Shik	Stelco Inc.	Metallurgical Engineering
Myers, Robert	Canadian Astronautics Ltd.	Electrical Engineering
Nelson, William	Control Data Canada Ltd.	Applied Mathematics
Neville, Heather	Seakem Oceanography Ltd.	Chemistry
Ounpuu, Michael	INCO Metal Company	Mineral Engineering
Pavelko, Tom	Control Data Canada Ltd.	Electrical Engineering
Pianosi, Joanne	Bio Logicals Inc.	Biology
Poirier, Nicole	Pulp and Paper Research Inst.	Chemical Engineering
Pratt, Gordon	De Havilland Aircraft of Canada	Mechanical Engineering
Renault, Monique	Linear Technology	Engineering
Richardson, Timothy	3M Canada Limited	Chemistry
Roberts, Brian	Labatt Breweries of Canada Ltd.	Biology
Rourke, Timothy	Bridco Values Ltd.	Chemistry
Rozankovic, Helena	Catelli Ltd.	Food Sciences
Samurkas, Tony	Dupont of Canada Limited	Chemical Engineering
Santyr, Gregory	Worthington (Canada) Ltd.	Mechanical Engineering
Sauder, Mary	Labatt Breweries of Canada Ltd.	Biology
Schueler, Peter	Reed Inc.	Agronomy
Sethi, Sunita	H.J. Heinz Company of Canada Ltd.	Chemistry
Shananan, Mary	Dominion Foundries and Steel Ltd.	Chemical Engineering
Shaw, Robert	Agra Industries Ltd	Microbiology
Simpson, George	Union Carbide Canada Limited	Chemistry
Sinclair, Robert	Lumonics Research Limited	Engineering Physics
Smith, Barbara	Dupont of Canada Limited	Chemical Engineering
Smith, Charles	Miller Communications Systems Ltd.	Electrical Engineering
Smith, Peter	New Brunswick Research	Mechanical Engineering
Soong, Peter	Andicom Technical Products Ltd.	Engineering Science
Stewart, Alan	Stelco Inc.	Metallurgical Engineering
Sylvain, Maurice	Rematech Industries Inc.	Chemistry

2.2.1. Undergraduate Industrial Summer Research Awards / Bourses de recherche d'été
(1er cycle) en milieu industriel

2.2.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Tam, Kenny	Andicom Technical Products Ltd.	Electrical Engineering
Thornton, George	Stelco Inc.	Metallurgical Engineering
Tristani, Tony	Canadian General Electric Co. Ltd.	Metallurgy
Tsui, Yin	Eyretchnics Ltd.	Electrical Engineering
Vallieres, Luc	Qit-Fer & Titane Inc.	Génie électrique
Van Heteren, John	Lumonics Research Limited	Physics
Viens, Paul	New Brunswick Research	Chemical Engineering
Wakayama, Jane	Agra Industries Ltd	Food Sciences
Waldron, Janice	Labatt Breweries of Canada Ltd.	Chemistry
Ward, Sheri	Delta Smelting & Refining Co.	Chemistry
Watson, Douglas	ECD - Tec Ltd.	Chemical Engineering
Weinstein, Stephen	Computer Methods (Canada) Ltd.	Computer Science
White, Michael	Huntec Limited	Physics
Whitney, Gordon	Labatt Breweries of Canada Ltd.	Biology
Wilson, Daryl	American Standard	Chemical Engineering
Wong, Kenneth	Forintek Canada Corporation	Biology
Yu, Telen	Seakem Oceanography Ltd.	Biology

2.2. Industry / Industrie

2.2.2. Industrial Postdoctoral Fellowships / Bourses postdoctorales industrielles

2.2.2.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Abdolali, Khaled	B.C. Hydro and Power Authority	Physics
Auksi, Hillar	Raylo Chemicals Limited	Organic Chemistry
Bernard, Douglas	Xerox Research Centre Canada Ltd.	Physics
Bietz, Brian	MacLaren Plansearch Ltd.	Fisheries
Boucher, Heather	Imperial Oil Limited	Chemistry
Breton, Marcel	Xerox Research Centre Canada Ltd.	Chemistry
Chan, Ying-Pui	Bio-Research Laboratories Ltd.	Biochemistry
Chawla, Jagmohan	Ontario Hydro	Statistics
Chernuka, Michael	Martec Limited.	Engineering
Dewey, Raymond	Gore & Storrie Limited	Applied Mathematics
Dwight, Stephen	Nicolet Instrument Canada Inc.	Chemistry
Effio, Adan	United Technology & Science Corp.	Chemistry
Elliot, Joseph	Pharmacia (Canada) Ltd.	Medicine
Elsherbiny, Mohamed	Solar Cells Limited	Electrical Engineering
England, Thomas	MDS Laboratories	Clinical Studies
Goldberg, Eric	Canada Packers Limited	Chemistry
Haggag, Mohamed	L.P. Meyer & Associates	Civil Engineering
Hanno, Hussein	Rousseau, Sauve, Warren Inc.	Civil Engineering
Lau, Cheuk	Merck Frosst Laboratories	Organic Chemistry
Light, Margaret	Squibb Canada Inc.	Clinical Studies
Spencer, Paul	Western Research & Development Ltd	Physics
Wernic, Dominik	Ayerst Laboratories	Organic Chemistry
Young, William	Lumonics Research Limited	Physics

2.2.2. Industrial Postdoctoral Fellowships / Bourses postdoctorales industrielles

2.2.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Abdollah, K.	B.C. Hydro and Power Authority	Physics
Adachi, H.	Macmillan Bloedel Research Ltd.	Chemistry
Auksi, H.	Raylo Chemicals Limited	Pharmacology
Bernard, D.	Xerox Research Centre Canada Ltd.	Physics
Bietz, B.	MacLaren Plansearch Ltd.	Fisheries
Boucher, H.	Imperial Oil Limited	Chemistry
Box, S.	Photochemical Research	Nuclear Physics
Breton, M.	Xerox Research Centre Canada Ltd.	Chemistry
Bridges, A.	John Labatt Limited	Biology
Caporaletti, D.	Cominco Ltd.	Physics
Chan, Y.	Bio-Research Laboratories Ltd.	Biochemistry
Chawla, J.	Ontario Hydro	Statistics
Chen, S.	Borden Chemical Canada	Food Sciences
Cheng, S.	Proctor & Redfern Ltd.	Applied Mathematics
Chernuka, M.	Martec Limited.	Engineering
Cheung, S.	Hart Chemical Ltd.	Chemistry
Chiu, P.	Photochemical Research	Nuclear Physics
Crosilla, D.	Consolidated-Bathurst Pkg. Ltd.	Chemistry
Datta, S.	Cardinal Biologicals Limited	Chemistry
Davies, P.	Control Data Canada Ltd.	Mathematics
Dewey, R.	Gore & Storrie Limited	Applied Mathematics
Dobson, W.	Canada Packers Limited	Biochemistry
Dorris, G.	Pulp and Paper Research Inst.	Physical Chemistry
Dwight, S.	Nicolet Instrument Canada Inc.	Chemistry
Dwyer, R.	Connaught Laboratories Ltd.	Biology
Effio, A.	United Technology & Science Corp.	Chemistry
Elliot, J.	Pharmacia (Canada) Ltd.	Medicine
Elsherbiny, M.	Solar Cells Limited	Electrical Engineering
England, T.	MDS Laboratories	Clinical Studies
Foster, J.	Ontario Hydro	Fisheries
Fung, S.	Ayerst Laboratories	Chemistry
Gagnon, M.	MacLaren Plansearch Ltd.	Oceanography
Gela, G.	Trench Electric Limited	Electrical Engineering
Goldberg, E.	The MEP Company	Physics & Meteorology
Goldberg, E.	Canada Packers Limited	Chemistry
Gourtsouyannis, L.	Sidbec-Dosco	Metallurgy
Haggag, M.	L.P. Meyer & Associates	Civil Engineering
Hall, R.	Syncrude Canada Limited	Chemistry
Hallin, K.	Sentrol Systems Ltd.	Systems & Control Engineering
Hanno, H.	Rousseau, Sauve, Warren Inc.	Civil Engineering
Harley, M.	Atlantic Analytical Services Ltd.	Chemistry
Herring, B.	The Longwoods Research Group Ltd.	Experimental Psychology
Kabir, H.	United Technology & Science Corp.	Chemistry
Khadim, M.	Merium Laboratories Ltd.	Organic Chemistry
Lakusta, H.	Bristol-Myers Products Ltd.	Chemistry
Langford, G.	Raylo Chemicals Limited	Organic Chemistry
Lau, C.	Merck Frosst Laboratories	Organic Chemistry
Lauzon, G.	Pharmacia (Canada) Ltd.	Pharmacology
Lee, P.	Shoal Lake Wild Rice Ltd.	Plant Ecology
Lee, S.	Terochem Laboratories Limited	Chemistry
Light, M.	Squibb Canada Inc.	Clinical Studies
MacLachlan, F.	3M Canada Limited	Chemistry
Mak, W.	Connaught Laboratories Ltd.	Biochemistry

2.2.2. Industrial Postdoctoral Fellowships / Bourses postdoctorales industrielles

2.2.2.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Mercier, J.	Bombardier Limitée	Chimie
Milanova, E.	Morgan-Schaffer Corporation	Chemistry
Mintz, J.	Ontario Hydro	Physics
Muhs, W.	Terochem Laboratories Limited	Chemistry
O'Leary, S.	Pulp and Paper Research Inst.	Organic Chemistry
Ostiguy, C.	Société nationale de l'amiante	Chimie inorganique
Purdy, J.	Ciba-Geigy Canada Limited	Chemistry
Roberge, R.	Institut de recherche-Hydro Québec	Chimie
Sellan, J.	Gould Manufacturing of Canada Ltd.	Management Science
Shoamanesh, A.	MPB Technologies Inc	Electrical Engineering
Smith, K.	Imperial Oil Limited	Mathematics
Spencer, P.	Western Research & Development Ltd	Physics
Stukas, V.	Seakem Oceanography Ltd.	Oceanography
Tailor, A.	Canadian Applied Technology	Water
Tam, W.	Photovac Inc.	Chemistry
Tan, C.	Merck Frosst Laboratories	Chemistry
Taube, H.	James F. MacLaren Limited	Water
Tawfik, H.	Ontario Hydro	Mechanical Engineering
Thomas, P.	Optech Incorporated	Physics
Tran, F.	Eco-Research Ltd.	Chemical Engineering
Turpin, D.	Sigma Environmental Consultants	Environme
Vadas, E.	Merck Frosst Laboratories	Physical Chemistry
Vanek, L.	Computer Methods (Canada) Ltd.	Computer Science
Venkataramaiah, G.	Foodex Inc.	Food Sciences
Vohra, K.	Nucro Technics Ltd.	Chemistry
Wernic, D.	Ayerst Laboratories	Organic Chemistry
Yao, T.	Seakem Oceanography Ltd.	Oceanography
Yorke, W.	Merck Frosst Laboratories	Chemistry
Young, W.	Lumonics Research Limited	Nuclear Physics
Yunker, M.	Dobrocky Seatech Limited	Chemistry
Zamboni, R.	Merck Frosst Laboratories	Organic Chemistry
Zasada, C.	Datamex Limited	Computer Science
Zeya, M.	Ontario Hydro	Chemistry

2.2. Industry / Industrie

2.2.3. Industrial Research Fellowships / Chercheurs-boursiers en milieu industriel

2.2.3.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Adachi, Hiroyuki	Macmillan Bloedel Research Ltd.	Chemical Engineering
Azzam, Wegdan	Hart Chemical Ltd.	Physical Chemistry
Baxter, James	Research Foods (1976) Ltd.	Biochemistry
Bridges, Anne	3M Canada Limited	Biosciences
Dobson, William	Canada Packers Limited	Biochemistry
Eid, Bassem	Fenco Consultants Ltd.	Oceanography
Elsherbiny, Mohamed	Solar Cells Limited	Electrical Engineering
Fahr, Abbas	Ontario Research Foundation	Material Science
Feicht, Anton	Atlantic Analytical Services Ltd.	Chemistry
Foo, Siang-Kiang	Syndel Laboratories Ltd.	Plant Science & Biochemistry
Gagne, Martin	Qit-Fer & Titane Inc.	Métallurgie
Gammon, Peter	ICE Engineering Limited	Engineering Science
Goosen, Mattheus	Connaught Laboratories Ltd.	Biomedical Engineering
Hepburn, John	Huntec-Lapp Systems Ltd.	Systems & Control Engineering
Hrabok, Metro	Cambrian Engineering Group Ltd	Structural Engineering
Kamal, Sherin	Miller Communications Systems Ltd.	Systems & Control Engineering
Lai, Hoi	Uniroyal Limited	Agricultural Chemistry
Lee, Sing	Terochem Laboratories Limited	Chemistry
Liak, Teng	Syntex Inc. (Canada)	Medical Chemistry
Lodge, John	Miller Communications Systems Ltd.	Electrical Engineering
MacLachlan, Frederick	3M Canada Limited	Organic Chemistry
MacNae, James	Lamontagne Geophysics Ltd.	Agricultural Bacteriology
Marion, Jean	Ayerst Laboratories	Biochemistry
McMath, Thompson	CTF Systems Inc.	Physics
Mercier, Jean-Claude	Bombardier Limitée	Chimie
Mirbod, Seyed	Huntec Limited	Electrical Engineering
Muhs, Wolfgang	Terochem Laboratories Limited	Chemistry
Mulholland, Lindsay	Ontario Research Foundation	Organic Chemistry
Neilson, John	B.C. Hydro and Power Authority	Plasma Physics
Perovic, Vuko	Ontario Hydro	Metallurgy
Peterson, Michael	Barringer Research Ltd.	Applied Mathematics
Roberge, Guy	Bristol Laboratories of Canada	Chemistry
Robins, Jeffrey	Ontario Hydro	Chemistry
Ross, John	INCO Metal Company	Metallurgy
Shareck, François	Ayerst Laboratories	Geography
Smith, Roger	Syntex Inc. (Canada)	Chemistry
Tan, Larry	Bio Logicals Inc.	Biochemistry
Taylor, Michael	Xerox Research Centre Canada Ltd.	Chemistry
Thomas, Paul	Optech Incorporated	Physics
Tse, Sui-Ming	Dupont Canada Inc.	Chemistry
Van Roode, Johannes	Ontario Research Foundation	Material Science
White, Robert	Syntex Inc. (Canada)	Organic Chemistry
Wong, Po	Dupont Canada Inc.	Polymer Chemistry
Wu, Kam	3M Canada Limited	Chemistry
Yu, Ernest	Forintek Canada Corporation	Working

2.2.3. Industrial Research Fellowships / Chercheurs-boursiers en milieu industriel

2.2.3.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Azzam, Wegdan	Hart Chemical Ltd.	Physical Chemistry
Box, Stephen	Photochemical Research	Nuclear Physics
Chapman, Peter	E.V.S. Consultants Ltd.	Biology
Cheung, Seung-Tong	Hart Chemical Ltd.	Chemistry
Drew, Mark	S-Matrix Enterprises Limited	Physics
Dugré, Robert	Institut Armand-Frappier	Virologie
Flanagan, Richard	Merck Frosst Laboratories	Pharmacology & Therapeutics
Friedlander, Barry	Uniroyal Limited	Chemistry
Harley, Mary	Atlantic Analytical Services Ltd.	Chemistry
Kozwer, Glen	Computer Methods (Canada) Ltd.	Computer Science
King, Gary	Bio-Research Laboratories Ltd.	Biology
Lau, Patrick	Borden Chemical Canada	Organic Chemistry
Law, Kock-Yee	Xerox Research Centre Canada Ltd.	Chemistry
Lendenmann, Karl	The Longwoods Research Group Ltd.	Statistics
Mackay, Gervase	Unisearch Associates Inc.	Physical Chemistry
Michael, Waheed	Canadian General Electric Co. Ltd.	Mechanical Engineering
Ostiguy, Claude	Société nationale de l'amiante	Chimie
Popham, James	Seakem Oceanography Ltd.	Zoology
Pouliot, Pierre	Institut Armand-Frappier	Microbiologie et immunologie
Razi, Ivan	Gemite Ltd.	Chemical Engineering
Rossiter, James	Huntec Limited	Engineering
Ryan, John	Ultra Lasertech Inc.,	Nuclear Physics
Shoamanesh, Alirezo	MPB Technologies Inc	Electrical Engineering
Shushan, Bori	Sciex Limited	Physical Chemistry
Sills, Alejandro	Labatt Breweries of Canada Ltd.	Biochemistry
Sinclair, Ian	MPB Technologies Inc	Physics
Tam, Wah	Diagnostic Chemicals Limited	Organic Chemistry
Tanner, Scott	Sciex Limited	Chemistry
Tischler, Samuel	Ayerst Laboratories	Organic Chemistry

2.2.4. Senior Industrial Fellowships/Bourses de stages industriels

Name Department University	Company of Tenure
Nom Département Université	Compagnie où la bourse est détenue
Berry, T.G. Applied Mathematics Manitoba	Bristol Aerospace Ltd., Winnipeg, MB
Linko, G. Management Science Saskatchewan	CSP Foods Ltd., Saskatoon, SK
Logrippo, L. Computer Science Ottawa	Bell-Northern Research Ltd., Ottawa, ON
Matthews, J.H. Physics Mount Allison	Watershed Energy System Ltd., Toronto, ON
McGowan, J.W. Physics Western Ontario	Bell-Northern Research Ltd., Ottawa, ON
Mitchell, A. Metallurgy British Columbia	1. DOFASCO Inc., Hamilton, ON 2. Dominion Bridge Company Ltd., Ottawa, ON 3. ESCO Ltd., Port Coquitlam, BC
Picot, J.J.C. Chemical Engineering New Brunswick	DuPont Canada inc., Kingston, ON
Schiff, H.L. Chemistry York	Scintrex Concord, ON
Weichman, F.L. Physics Alberta	Bell-Northern Research Ltd., Ottawa, ON

3. RESEARCH INFRASTRUCTURE GRANTS

3. SUBVENTIONS D'INFRASTRUCTURE DE RECHERCHE

3.1. EQUIPMENT

3.1. APPAREILLAGE

3.1.1. Equipment Grants / Subventions d'appareillage

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
AbouHaider, M.G. Botany Toronto	Centrifuge rotors	11,000	02
Adler, J.G. Physics Alberta	R.F. sputtering facility for tunnel junction preparation	49,590	15
Adoul, J.P.A. Génie électrique Sherbrooke	Mémoire à disque pour processeur vectoriel	25,500	11
Aitcin, P.C. Génie civil Sherbrooke	Séparateur magnétique à très haute intensité	53,984	06
Aitken, G.J.M. Electrical Eng. Queen's	Argon ion laser	18,150	11
Al Taweel, A.M. Chemical Eng. Tech Univ N.S.	Laser doppler anemometer	64,275	04
Amit, Z. Psychology Concordia	High pressure liquid chromatography	25,099	12
Angers, R. Mines & métallurgie Laval	Alimentateur de poudres	11,625	04
Antoniou, A. Electrical Eng. Concordia	Microprocessor support equipment	20,137	11
Antoun, H. Sols Laval	Centrifuge réfrigérée à haute vitesse	8,681	02
Arjomandi, E. Computer Science York	Computer science research system	96,800	07
Armstrong, R.L. Physics Toronto	Horizontal field magnet and cryostat	93,500	15
Arp, P.A. Forest Resources New Brunswick	Ion analyzer	29,350	03
Aubin, M.J. Physique Sherbrooke	Monochromateur infrarouge	20,000	15

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Aue, W.A. Chemistry Dalhousie	Mass spectrometric read-out for penning ionization system	75,000	05
Ayres, L.D. Earth Sciences Manitoba	Sample preparation facilities for X-ray fluorescence spectrometry	16,000	10
Baadsgaard, H. Geology Alberta	High-sensitivity gas mass spectrometer	18,442	10
Back, T.G. Chemistry Calgary	High performance liquid chromatography instrument	56,394	05
Baer, H.H. Chemistry Ottawa	Automatic polarimeter	31,151	05
Baird, M.C. Chemistry Queen's	Superpressure 2 9/16" o.d. micro series shaking assembly	19,058	05
Bakhshi, N.N. Chem & Chem Eng. Saskatchewan	Equipment to measure surface area and pore structure of catalysts	16,100	04
Ballik, E.A. Eng. Physics McMaster	Optical multichannel analyzer and image intensifier system	42,766	11
Balmain, K.G. Electrical Eng. Toronto	Satellite-charging experiment system	49,120	11
Bancroft, J.B. Plant Science Western Ontario	Image display system	46,249	02
Bandrauk, A.D. Chimie Sherbrooke	Terminal de visualisation informatique	17,365	05
Barclay, R.L.C. Chemistry Mount Allison	French pressure cells and laboratory press	11,937	05
Barnard, A.J. Physics British Columbia	X-Ray Spectrometer components	24,000	15
Barr, S.M. Geology Acadia	Atomic absorption spectrophotometer	20,938	10
Bauer, G.E. Civil Engineering Carleton	Flat plate pressuremeter	11,000	06

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Bauer, G.E.A. Civil Engineering Carleton	Triaxial compression system for geotechnical research	14,000	06
Beatty, J.C. Computer Science Waterloo	Hardware augmentation for interactive computer graphics research	25,147	07
Beaudoin, A.R. Biologie Sherbrooke	Deux rotors de centrifugeuse	13,000	02
Belcastro, A. Physical Education Alberta	High speed centrifuge with rotor	13,576	01
Bergeron, J. Informatique Laval	Eclipse S-200	68,100	07
Bergougnou, M.A. Chemical Eng. Western Ontario	Tracer detection equipment (UV + conductivity cell)	13,365	04
Bertrand, H. Biology Regina	High resolution ratio-recording spectrophotometer with low temperature accessory	41,334	02
Beswick, A.E. Geology Laurentian	Graphics tablet digitizer	12,391	10
Betz, T.W. Biology Carleton	Egg incubator	5,000	01
Beveridge, T.J. Microbiology Guelph	Atomic absorption spectrophotometer	37,850	02
Bewley, J.D. Biology Calgary	Liquid scintillation spectrometer	33,490	03
Bewtra, J.K. Civil Engineering Windsor	Atomic absorption/flame emission spectrophotometer	20,000	06
Bibby, M.J. Mech. & Aeronaut. Carleton	Data acquisition system	30,621	04
Bigelow, C.C. Chemistry Manitoba	Spectrophotometer	23,000	02
Birtwistle, G.M. Computer Science Calgary	VAX Simula Compiler	19,300	07

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Bisanz, J. Psychology Alberta	Microprocessing and video display equipment	7,000	12
Blake, R.W. Zoology British Columbia	Photographic analysis system	27,920	01
Blake, T.J. Forestry Toronto	Controlled environment growth rooms	26,310	03
Bogart, J.P. Zoology Guelph	Equipment for evolutionary and biosystematic investigations	23,937	01
Bols, N. Biology Waterloo	Fluorescence phase contrast microscope with camera	9,000	02
Bolton, J.R. Chemistry Western Ontario	EPR spectrometer replacement and updating phase I	49,341	05
Bonham, D.J. Mechanical Eng. New Brunswick	Robotic applications in flexible manufacturing systems	61,600	20
Boonstra, R. Zoology Toronto	Video system	13,867	18
Boorman, P.M. Chemistry Calgary	Electrochemistry system	41,640	05
Bottomley, F. Chemistry New Brunswick	Infrared spectrophotometer	28,990	05
Boucher, D.H. Biology McGill	Gas chromatograph for estimation of nitrogen fixation	8,779	18
Bown, A.W. Biolog. Sciences Brock	Photometer	5,200	03
Boyd, C.M. Oceanography Dalhousie	Magnetic disk storage device for plankton counting system	10,933	18
Boyd, R.K. Chemistry Guelph	Accessories for mass spectrometer	22,100	05
Brand, U. Geological Sciences Brock	Atomic absorption spectrophotometer with furnace and autosampler	30,000	10

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Bree, A.V. Chemistry British Columbia	Double monochromator	32,509	05
Bremner, T.W. Civil Engineering New Brunswick	Constant rate of deformation universal testing machine	51,380	06
Brion, C.E. Chemistry British Columbia	Position sensitive detection system for electron energy loss spectroscopy	38,833	05
Brooker, M.H. Chemistry Memorial	Multichannel raman spectrometer	40,000	05
Brown, I.R. Life Sciences Toronto	Low speed centrifuge and rotors	11,000	02
Buckmaster, H.A. Physics Calgary	Automated magnetic field measurement and control unit for electron paramagnetic resonance spectrometers	18,300	15
Bui-Quoc, T. Mécanique Ecole Polytech.	Chambre chauffante	20,879	13
Buncel, E. Chemistry Queen's	Low temperature stopped-flow spectrophotometer	43,970	05
Burke, R.D. Biology Victoria	Ultramicrotome and diamond knife	26,404	01
Burkowski, F.J. Computer Science Manitoba	A subsystem for a dataflow processor	45,559	07
Bush, A.D. Zoology Brandon	Differential interference and phase contrast microscope	17,644	18
Cain, D.P. Psychology Western Ontario	Data logger	8,090	12
Cameron, B.W. Geology Acadia	Apparatus for semi-automatic polishing of thin sections	14,340	10
Canvin, D.T. Biology Queen's	Five plant growth chambers	53,240	03
Card, H.C. Electrical Eng. Manitoba	Vacuum deposition system with electron-beam evaporation capability	22,062	11

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Carreau, P.J. Génie chimique Ecole Polytech.	Viscosimètre d'élongation	45,000	04
Carty, A.J. Chemistry Waterloo	Gas chromatograph for metal cluster catalysis	31,167	05
Cavell, R.G. Chemistry Alberta	Multichannel detector system for a photoelectron spectrometer	19,800	05
Cavers, P.B. Plant Science Western Ontario	Seed germinators	19,225	18
Cerny, P. Earth Sciences Manitoba	PDP 11/03 computer and accessories	22,796	10
Chakrabarti, C.L. Chemistry Carleton	Capacitive-discharge-heated atomic absorption spectrophotometer	59,950	05
Champness, C.H. Electrical Eng. McGill	Vacuum coater	15,500	11
Chan, T.H. Chemistry McGill	Preparative high pressure liquid chromatograph	33,787	05
Chang, J.S. Eng. Physics McMaster	Ultrasonic wave form analysing system	18,710	15
Chapados, C. Photobiophysique Qué.-Trois-Riv	Système de traitement de données pour spectrophotométrie infrarouge	27,905	05
Chapados, C. Photobiophysique Qué.-Trois-Riv	Système de réfrigération en circuit fermé	13,856	05
Chaudhuri, S.K. Electrical Eng. Waterloo	EM pulse radar for short range and sub-surface applications	30,100	11
Chaudhuri, S.K. Electrical Eng. Waterloo	EM pulse radar for short range and sub-surface applications	12,100	11
Cheeke, J.D.N. Physique Sherbrooke	Analyseur de données digitale programmable	50,000	15
Cheng, R.W.H. Mechanical Eng. Concordia	Equipment to enhance the interactive graphics research laboratory of Concordia University	38,686	13

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Chia, F.S. Zoology Alberta	High speed motion picture camera and stroboscope	9,050	01
Childs, R.F. Chemistry McMaster	Luminescence spectrometer	44,458	05
Chin, S.L. Physique Laval	A high power pulsed dye laser system	82,502	15
Chornet, E. Génie chimique Sherbrooke	Prototype de pyrolyseur sous vide (système en continu) et colonne de fractionnement du pyroligneux	83,570	04
Christopherson, R.J. Animal Science Alberta	Electromagnetic blood flow system	44,000	01
Chrzanowski, A. Surveying Eng New Brunswick	Combined electronic distance and precision angle measurements	22,000	06
Chu, V.H. Civil Engineering McGill	Peripheral equipment for data acquisition computer	11,551	13
Church, M.A. Geography British Columbia	Electronic distance-measurement unit (reducing, infra-red tachometer with one-second theodolite)	32,560	10
Clandinin, M.T. Nutrition/Food Sci Toronto	Preparative ultracentrifuge	20,000	02
Clarke, G.K.C. Geophys./Astron. British Columbia	Glacier survey equipment	34,322	10
Clavet, A. Génie électrique Sherbrooke	Acquisiteur de données programmable	7,995	11
Clements, R.M. Physics Victoria	Digital storage oscilloscope	23,261	11
Clive, D.L.J. Chemistry Alberta	HPLC and control system	49,000	05
Cochrane, R.W. Physique Montréal	Système automatique à haut-champ magnétique	30,000	15
Cocivera, M. Chemistry Guelph	Equipment to modify a varian HA-100 to incorporate a heteronuclear lock and pulsing system	19,375	05

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Collins, M.F. Physics McMaster	Neutron spectrometer	12,000	15
Colman, B. Biology York	Liquid scintillation counter	29,602	03
Conrath, D.W. Management Sciences Waterloo	Seven station automated office network laboratory	16,822	20
Conway, B.E. Chemistry Ottawa	Instrumental system for potential modulation of electrode surface processes	45,235	05
Conway, B.E. Chemistry Ottawa	Solartron system. Specialised apparatus for A.C. impedance studies on electrochemical reactions	45,032	05
Cooke, F. Biology Queen's	Logistic communication package for Arctic field facility	11,513	18
Cooper, D.F. Chemical Eng. Lakehead	Research gas chromatograph	23,750	04
Courtin, G.M. Biology Laurentian	Dew point hygrometer and two-channel strip chart recorder	9,841	18
Crim, L.W. Mar. Sc. Res. Lab Memorial	Liquid chromatograph with electrochemical detection	12,940	01
Crocket, J.H. Geology McMaster	Low background beta counting system	31,980	10
Cullen, A.P. Optometry Waterloo	Optical radiation instrumentation	48,500	21
Cullen, W.R. Chemistry British Columbia	Atomic absorption spectrophotometer and accessories	46,000	05
Curran, J. Civil Engineering Toronto	Data acquisition system for geotechnical laboratories	16,524	10
Cynader, M. Psychology Dalhousie	Computer system (new research idea grant)	28,954	12
Cynader, M. Psychology Dalhousie	Computer system for visual and oculomotor studies	10,000	12

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Dalla Lana, I.G. Chemical Eng. Alberta	High-performance liquid chromatography systems	20,575	04
Datars, W.R. Physics McMaster	High pressure, far-infrared, cyclotron resonance system	55,000	15
Daunt, J.G. Physics Queen's	Millikelvin research facility	58,512	15
Davidson-Arnott, R.G.D. Geography Guelph	Electro-magnetic current meters	24,835	10
Davies, J.A. Geography McMaster	CR5 logger	8,000	17
Davis, J.H. Physics Guelph	High sensitivity differential scanning calorimeter	25,000	02
Davison, N.E. Physics Manitoba	A large solid angle charged particle detector for study of neutron induced reactions	35,040	22
Dawe, J.L. Civil Engineering New Brunswick	Static load testing equipment	31,000	06
Dawson, W.K. Physics Alberta	Upgrading University of Alberta computer installation	18,000	27
Delisle, G.Y. Génie électrique Laval	Analyseur de spectre à double voie	18,000	11
Depommier, P.H.M. Physique Montréal	Ordinateur d'analyse	45,358	22
Depommier, P.H.M. Physique Montréal	Renouvellement de l'électronique modulaire du laboratoire	25,000	22
Derbyshire, J.B. Vet. Micro./Immun. Guelph	Transmission electron microscope	59,501	01
Deslongchamps, P. Chimie Sherbrooke	Spectrometre infrarouge	24,656	05
Destry, J. Physique Montréal	Appareillage pour mesure sous-pression	42,570	15

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Deutsch, E.R. Physics Memorial	Thermal rock demagnetizer	16,290	10
Dewey, J.M. Physics Victoria	Data acquisition system for shock wave pressure - time measurement system and pressure transducers	20,600	13
Dick, A.J. Chemistry Acadia	Swinging bucket rotor	7,400	02
Dick, T.A. Zoology Manitoba	Electrophoretic and electrofocusing equipment	6,538	01
Dignam, M.J. Chemistry Toronto	Argon ion guns & pressure gauge	19,190	05
Dixon, J.D. Math/Statistics Carleton	Micro-computer	19,315	16
Dommel, H.W. Electrical Eng. British Columbia	Signal acquisition and processing equipment	25,000	11
Donald, M.W. Psychology Queen's	Control and on-line data analysis system for human psychophysiology laboratories	25,000	12
Douglas, R.M. Physiology McGill	Laboratory computer	25,000	12
Dove, J.E. Chemistry Toronto	Transient recorder system for shock tube laboratory	23,980	05
Downe, A.E.R. Biology Queen's	Refrigerated centrifuge	15,525	18
Downer, R.G.H. Biology Waterloo	Radioactivity monitor for HPLC	19,990	01
Drouhard, J.F. Génie bio-méd. Ecole Polytech.	Simulateur numérique de l'activité électrique cardiaque	10,475	11
Dubuc, A. Informatique Laval	Mémoire principale pour un mini-ordinateur	12,994	07
Duckworth, H.W. Chemistry Manitoba	High performance liquid chromatograph	33,000	02

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$ Committee
Nom Département Université	But de la subvention	Montant \$ Comité
Dusseault, M.B. Mineral Eng. Alberta	True triaxial process simulator	39,350 10
Duthie, H.C. Biology Waterloo	Inverted microscope	7,384 18
Eastham, A.R. Electrical Eng. Queen's	Instrumentation for industrial process and machines research	22,348 11
Eaton, D.R. Chemistry McMaster	Electron spin resonance spectrometer	71,220 05
Eisenberg, A. Chemistry McGill	Stress relaxometers and dynamic viscoelastometer	28,744 05
Ellyin, F. Mechanical Eng. Alberta	Pressurization system for the multiaxial large plastic deformation and low cycle fatigue test facility	29,600 06
Eskin, M.N.A. Foods/Nutrition Manitoba	High pressure liquid chromatograph	20,000 03
Etsell, T.H. Mineral Eng. Alberta	Atomic absorption spectrophotometer	23,074 04
Fam, W.Z. Electrical Eng. Tech Univ N.S.	Photo voltaic solar power system	60,725 11
Farrell, A.P. Biology Mount Allison	Aquatic facility	35,000 01
Fawcett, W.R. Chemistry Guelph	Computerized system for acquisition of interfacial electrochemical data	25,048 05
Feldman, D. Ctre.-Build. Stud. Concordia	Differential scanning calorimeter (DSC)	50,000 06
Fenton, M.B. Biology Carleton	Apparatus for studying the vocalizations and behaviour of bats	22,900 18
Fernando, M.A. Pathology Guelph	Preparative ultracentrifuge	19,920 01
Fernie, J.D. Astronomy Toronto	A two-telescope simultaneous photometric system	12,000 17

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Filion, W.G. Botany Toronto	Research microscope with epi-fluorescence and automatic camera	5,500	02
Filseth, S.V. Chemistry York	Rare gas halide excimer laser	33,803	05
Finch, J.A. Mining/Metal. Eng. McGill	High gradient magnetic separator	51,168	04
Finch, J.A. Mining/Metal. Eng. McGill	Atomic absorption spectrophotometer	28,042	04
FitzGerald, M.P. Physics Waterloo	Parts for the computer for processing astronomical data (CPAD)	20,000	17
Flengas, S.N. Metal/Mat. Science Toronto	Princeton applied research electrochemistry systems	20,060	04
Flengas, S.N. Metal/Mat. Science Toronto	Modular princeton applied research electrochemistry systems	21,563	04
Fontaine, G. Physique Montréal	Concentrateur de terminaux pour communiquer avec un ordinateur central	23,700	17
Forer, A. Biology York	Ultracentrifuge	7,700	02
Forsberg, C.W. Microbiology Guelph	An ultraviolet-visible spectrophotometer with accessories	30,000	02
Forsyth, P.A. Physics Western Ontario	Analytical equipment (tape recorders and plotter)	16,000	17
Fortin, E. Physics Ottawa	System for optical studies in semiconductors	50,574	15
Fournier, R.D. Oceanography Dalhousie	Rosette sampling device	19,303	18
Fournier, R.D. Oceanography Dalhousie	In situ fluorometer thermo salinograph	23,275	18
Fowler, D.B. Crop Science Saskatchewan	Facilities for the screening of winter wheat, rye and related species for cold tolerance	26,725	03

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Fowler, D.B. Crop Dev. Ctre. Saskatchewan	A system for freezing biological materials	5,000	03
Francoeur, A. Sciences Qué-Chicoutimi	Système de chambres d'élevage climatisées	26,600	18
Franklin, K.B.J. Psychology McGill	Laboratory microcomputer system	7,000	12
French, J.B. Aerospace Studies Toronto	Quadrupole research facility	26,126	04
Frost, D.C. Chemistry British Columbia	Electron impact probe into atomic & molecular electronic structure	35,500	05
Fryzuk, M.D. Chemistry British Columbia	Analytical gas chromatograph	22,731	05
Fullard, J.H. Zoology Toronto	High-resolution signal frequency analyzer	25,097	01
Funt, B.L. Chemistry Simon Fraser	35 corrosion/electrochemical system	20,877	05
Fyfe, C.A. Chemistry Guelph	High-power n.m.r. probes and modified closed cycle refrigeration system for solid-state high- resolution n.m.r. experiments	22,500	05
Fyfe, W.S. Geology Western Ontario	Graphite furnace with automation	24,750	10
Gagne, J.M. Génie-physique Ecole Polytech.	Tube laser de remplacement	16,176	15
Gagnon, P. Géodésie/cartog. Laval	Système géodésique Doppler pour satellites TRANSIT	8,000	06
Galanis, N. Génie mécanique Sherbrooke	Système d'acquisition, de traitement et d'enregistrement de données	18,500	13
Gardner, D.R. Biology Carleton	4 channel frequency modulated tape recorder and 4 channel chart recorder	21,067	01
Gascon, J. Psychologie Montréal	Disque à grande capacité pour traitement graphique sur ordinateur	16,000	12

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Gass, L.C. Zoology British Columbia	Minicomputer for data collection and equipment control in hummingbird laboratory	15,000	18
Gehr, R. Civil Engineering McGill	Equipment for the analysis of polyelectrolytes and other trace organics in water and waste samples	40,777	06
Gerry, M.C.L. Chemistry British Columbia	Microwave frequency synthesizer	72,758	05
Ghent, E.D. Geology & Geophys. Calgary	Automation system and X-ray spectrometers for electron microprobe	89,775	10
Gicquaud, C. Chimie - biologie Qué.-Trois-Riv	Microscope optique	35,000	02
Gilbert, R. Génie industriel Ecole Polytech.	Ecran interactif avec mémoire auxiliaire	44,410	20
Gilpin, R.R. Mechanical Eng. Alberta	Ice research laboratory	20,342	13
Glaspey, J.W. Physique Montréal	Dérouleur de bande magnétique	24,500	17
Godin, C. Biochimie Laval	Compteur à scintillation liquide	30,433	02
Godin, J.G.J. Biology Mount Allison	Fresh water refrigeration system / Closed circuit television system	11,237	18
Godin, J.G.J. Biology Mount Allison	Computerized image analysis system	11,524	18
Goldband, S. Psychology Western Ontario	Computer disk storage system	7,000	12
Goodale, M.A. Psychology Western Ontario	Cine film, videotape and data analyzing equipment	7,000	12
Goodings, J.M. Chemistry York	Data acquisition equipment for a flame-ion mass spectrometer and flame photometer	9,800	05
Goulter, I.C. Civil Engineering Manitoba	Test loop for the determination of slurry properties	28,000	06

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Govinda Raju, G.R. Electrical Eng. Windsor	Partial discharge detector	26,975	11
Grace, J.R. Chemical Eng. British Columbia	Thermal analyzer	80,000	04
Grant, D.S. Psychology Alberta	Microcomputer - controlled laboratory	10,000	12
Green, B.R. Botany British Columbia	Double-beam ultraviolet/visible spectrophotometer	27,559	03
Greenwood, H.J. Geological Sciences British Columbia	Non-contaminating diaphragm gas pump	35,000	10
Gregory, J.B. Physics Saskatchewan	Spaced-antenna winds installation, Park Observatory	13,100	17
Gresser, M.J. Chemistry Simon Fraser	Liquid scintillation counter	27,760	05
Grigliatti, T.A. Zoology British Columbia	Equipment for spectrophotometric, fluorometric and electrophoretic analysis of nucleic acids and proteins	9,700	02
Grund, D.W. Biology Acadia	Sterility culture hood	6,150	18
Grundy, K.R. Chemistry Dalhousie	Infrared Spectrophotometer	25,000	05
Guderley, H. Biology Laval	Sorval refrigerated centrifuge with rotors	11,000	02
Guha, A. Zoology Toronto	High voltage power unit, laminar-flow hood, UV spectrophotometer	23,000	02
Guthrie, J.P. Chemistry Western Ontario	A modern UV spectrometer for chemical kinetics	25,885	05
Guthrie, R.I.L. Mining/Metal. Eng. McGill	Oscilloscope/multi-channel analyser facility	21,450	04
Guthrie, R.I.L. Mining/Metal. Eng. McGill	He-Ne laser with back scatter optics	22,000	04

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Hackam, R. Electrical Eng. Windsor	Mass spectrometer type UTHE 100C (1-300 amu)	29,100	11
Haedrich, R.L. Biology Memorial	Photomicrography equipment	6,948	18
Hall, R.L. Mathematics Concordia	Microcomputer	9,844	15
Hamid, M. Electrical Eng. Manitoba	Time-domain scattering range	42,800	11
Hamielec, A.E. Chemical Eng. McMaster	Liquid/gel permeation chromatograph P/N 75002	52,000	04
Hansen, J.S. Aerospace Studies Toronto	Graphics terminal and hard copy unit	23,106	13
Harley, C.A. Psychology Memorial	Micro iontophoretic system	9,435	12
Harrison, P.J. Oceanogr./Botany British Columbia	Emission spectrometer - nitrogen analyzer	31,651	03
Hay, J.E. Geography British Columbia	A monitoring system for determining the distribution of solar radiation over the sky hemisphere	11,356	10
Heath, I.B. Biology York	Freeze substitution equipment	7,600	02
Heath, M.C. Botany Toronto	Light microscope with combined epifluorescence and interference contrast capabilities	21,369	03
Hebert, P.D.N. Biology Windsor	Controlled environment chambers	22,000	18
Henry, B.R. Chemistry Manitoba	Infrared spectrophotometer	68,824	05
Herman, J.A. Chimie Laval	Electromètre pour détection de courant très faible d'ions	7,600	05
Herring, F.G. Chemistry British Columbia	Tracking gaussmeter for accurate field calibration in ESR spectroscopy	17,029	05

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Hickson, P. Geophys./Astron. British Columbia	Imaging photon-counting system	78,950	17
Higgins, V.J. Botany Toronto	High performance liquid chromatograph	8,436	03
Hillaire-Marcel, C. Sciences de la terre Qué-Montréal	Spectrometre alpha & analyseur multicanaux pour dosage U/Th	12,000	10
Hird, B. Physics Ottawa	Upgrading accelerator for precision atomic collision measurements 30 keV to 300 keV	29,612	15
Hirose, A. Physics Saskatchewan	Carbon dioxide laser scattering system	51,050	15
Hoa, V.S. Mechanical Eng. Concordia	Servo hydraulic fatigue testing machine components	13,603	13
Hoehn, E. Food Science Manitoba	Gas chromatograph and integrator	18,000	03
Hoffman-Goetz, L. Human Kinetics Waterloo	Liquid chromatography equipment and autoclave	6,300	02
Holland, H.L. Chemistry Brock	Proton magnetic resonance spectrometer	69,885	05
Holuj, F. Physics Windsor	Microwave spectrometer with accessories and power supply	22,000	15
Hope, G.S. Electrical Eng. Calgary	Power research real time operating system	30,445	11
Horgen, P.A. Botany Toronto	UV-visible spectrophotometer	34,396	02
Horita, R.E. Physics Victoria	Real-time spectrum analyzer	14,789	17
Horlick, G. Chemistry Alberta	Infrared photodiode array spectrometer	32,600	05
Hosli, J.P. Expl./util. des bois Laval	Capteurs de pression et de température	8,000	21

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Howden, H.F. Biology Carleton	Dissecting binocular microscope plus high intensity light source	7,314	18
Hrudey, S.E. Civil Engineering Alberta	Particle size analyzer	30,000	06
Hruska, C.K. Mathematics York	Long term stability of piezoelectric resonators used in frequency control applications	19,939	11
Hsu, C.C. Chemical Eng. Queen's	Infrared spectrophotometer	21,000	04
Hsu, T.R. Mechanical Eng. Manitoba	Refurbishment of existing lasers and desk top calculator	32,821	13
Huck, P.M. Systems Eng. Regina	Radon detection system	9,348	04
Hudgins, R.R. Chemical Eng. Waterloo	General purpose gas chromatograph for analysis of gas mixtures from chemical reactors	25,228	04
Hudgins, R.R. Chemical Eng. Waterloo	B.E.T. equipment for a fuel and coal research laboratory	21,425	04
Hughes, D.G. Physics Alberta	High speed signal averager and pushbutton signal processor	25,645	15
Hughes, D.J.F. Comp. & Info. Sc. Brock	Microcomputer system	15,000	07
Hughes, V.A. Physics Queen's	Astronomy and astrophysics analysis facility	5,500	17
Hutchinson, T.C. Botany Toronto	Ion chromatograph and accessories	34,494	18
Innanen, K.A. Physics York	Video data display and recording	41,339	17
Irish, D.E. Chemistry Waterloo	Germanium bolometer, class A; cryostat; accessories	9,000	05
Irwin, J.C. Physics Simon Fraser	Argon ion laser with UV option	45,833	15

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Jamieson, J.C. Chemistry Manitoba	Liquid scintillation counter	25,000	02
Janischewskyj, W. Electrical Eng. Toronto	EMI data acquisition systems	28,675	11
Janzen, A.F. Chemistry Manitoba	Accessories for Bruker WH-90 NMR spectrometer	10,608	05
Jasmin, G. Génie électrique Sherbrooke	Oscilloscope à mémoire	16,582	11
Jay, E.W.K. Chemistry New Brunswick	High pressure liquid chromatography system	22,000	02
Jericho, M.H. Physics Dalhousie	Boxcar averager and signal recorder system	22,165	15
Jofriet, J.C. Engineering Guelph	Computer-based data acquisition system	22,782	06
Johnston, G.W. Aerospace Studies Toronto	Dual channel analyser	28,885	13
Jones, C.H.W. Chemistry Simon Fraser	Cary 219 UV-Vis double beam spectrophotometer	29,317	05
Jones, C.H.W. Chemistry Simon Fraser	Data acquisition system for Mössbauer spectroscopy	40,810	05
Jones, D.R. Zoology British Columbia	High pressure liquid chromatography system	15,118	01
Jones, J. Physics Western Ontario	Image processing system	22,400	17
Joshi, Y.N. Physics St. F. Xavier	1) Holographic grating assembly; 2) Toroidal mirrors	16,535	15
Joy, K.W. Biology Carleton	Liquid chromatography system with radioactivity monitor	13,300	03
Joy, M.L.G. Bio-Med Eng. Toronto	Restructuring of the high speed signal processing facility for research in biomedical engineering	23,008	11

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Joy, M.L.G. Biochemical Eng. Toronto	Part II: High speed signal processing facility for research in biomedical engineering	15,540	11
Kaiser, P.K. Civil Engineering Alberta	10-MPa pressuremeter for determination of in- situ deformation properties	15,443	10
Kamphuis, J.W. Civil Engineering Queen's	Generalized experimental control data acquisition and data analysis package	14,000	06
Kao, K.C. Electrical Eng. Manitoba	Microtrace X-ray spectrometer and microanalysis system	55,606	11
Kaufman, W.R. Zoology Alberta	High pressure liquid chromatography system	19,730	01
Kavaliers, M. Zoology Western Ontario	Data logger	12,000	01
Kay, W.W. Biochem./Microbiol. Victoria	Braun biostat U50D fermenter (100 litre modification)	73,152	02
Keenan, T.P. Computer Science Calgary	Small computer system, to be modified for enhanced security	5,593	07
Kelly, J.B. Psychology Carleton	Evoked response averager	10,000	12
Kennett, T.J. Physics McMaster	Upgrading computer with an array processor and magnetic tape unit	25,000	22
Keppie, D.M. Biology New Brunswick	Radiotelemetry equipment	13,675	18
Kerr, H.W. Mechanical Eng. Waterloo	Instrumented impact testing equipment	27,435	04
Kidder, G.M. Zoology Western Ontario	Liquid scintillation counter	23,684	02
Kind, R.J. Mech. & Aeronaut. Carleton	Wind-tunnel data acquisition system	13,360	13
King, G.J. Animal/Poultry Sc. Guelph	Ultramicrotome	19,000	01

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
King, J.D. Physics Toronto	Graphics display terminal	8,300	22
Kiparissides, C. Chemical Eng. Alberta	Infrared spectrophotometer	18,500	04
Kirkaldy, J.S.G. Eng. Physics McMaster	Upgrading and automating the McMaster electron probe microanalyzer	70,982	04
Kivana, D. Génie chimique Ecole Polytech.	Appareillage pour évaluer les facteurs agissant lors de la photocatalyse hétérogène	11,775	04
Knowles, R. Microbiology Macdonald Coll.	Chromatography four-channel integrator and data processor	24,000	02
Koffyberg, F.P. Physics Brock	Sputtering unit for thin film preparation	35,500	15
Kok, R. Agricuilt. Eng. Macdonald Coll.	Digital plotter	20,000	06
Krause, L. Physics Windsor	Accessories for Zeeman scanning spectroscopy	15,000	15
Krause, M.D. Biology New Brunswick	Ultracentrifuge rotors	12,975	02
Krell, H.P.J. Microbiology Guelph	Preparative ultracentrifuge and accessories (rotors)	33,951	02
Kresge, A.J. Chemistry Toronto	Liquid scintillation counter	33,833	05
Kronberg, P.P. Astronomy Toronto	Video image processing and display system	60,400	17
Krouse, H.R. Physics Calgary	Automation components for stable isotope mass spectrometers	29,600	10
Kruuv, J. Physics Waterloo	Cell sizing and image analysis system	15,670	02
Kucеровsky, Z. Electrical Eng. Western Ontario	Radio-frequency spectrum analyzer	29,720	11

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Kuffel, E. Electrical Eng. Manitoba	High voltage insulation	24,300	11
Kukalova-Peck, J. Geology Carleton	Microscope, phototube HV and accessories	11,899	10
Kumar, S. Physical Therapy Alberta	Co-ordinate digitizer of photographic records	11,084	20
Kurstak, E. Micro/immunologie Montréal	Preparative ultracentrifuge and one rotor	33,505	02
Lacalli, T.C. Biology Saskatchewan	Ultramicrotome	21,945	01
Ladouceur, G. Photogrammétrie Laval	Traceuse digitale et accessoires	30,934	06
Lakhani, A.A. Physique Sherbrooke	Source de micro-ondes 26 à 40GHz	24,462	15
Lam, C.W.H. Computer Science Concordia	Part II Prototype of a special purpose multiprocessor system	16,094	16
Lapointe, J. Biochimie Laval	Système d'enregistrement de densité optique	6,900	02
Lassonde, M.C. Psychologie Qué.-Trois-Riv	Système d'analyse de réponses unicellulaires et de potentiels évoqués	7,000	12
Latto, B. Mechanical Eng. McMaster	Mass flow meter	8,500	13
Lavers, J.D. Electrical Eng. Toronto	Variable low frequency polyphase power supply for electromagnetic stirring studies	22,500	11
Law, K.N. Pâtes et papiers Qué.-Trois-Riv	1) Microprocesseur microcon II 2) Chambre à température contrôlée	17,145	04
Leach, M.F.J. Physics/Astronomy Laurentian	Spectrum analyzer	28,756	15
Leatherland, J.F. Zoology Guelph	Vertebrate hormone radioimmunoassay laboratory	22,984	01

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Leblanc, R.M. Photobiophysique Qué.-Trois-Riv	Mesure de durée de vie de la fluorescence	65,743	02
Leduy, A. Génie chimique Laval	Chromatographe en phase gazeuse	13,544	04
Leduy, A. Génie chimique Laval	Kjeldahl analyseur	17,829	04
Lee, E.S. Electrical Eng. Toronto	Microprocessor development system	59,690	07
Lee, J.K.P. Physics McGill	CW ring dye laser with Ar pump laser	92,500	22
Lee, M.J.G. Physics Toronto	Data acquisition system for field-induced photoemission	39,242	15
Lees, R.M. Physics New Brunswick	Millimetre wave sources: digital signal acquisition system	35,000	15
Lefebvre, L. Biologie McGill	Système magnétoscopique pour l'observation du comportement animal	7,715	01
Legendre, L. Biologie Laval	Compteur à scintillation liquide	18,390	18
Leggett, W.C. Biology McGill	Mobile limnology laboratory	19,635	18
Legzdins, P. Chemistry British Columbia	A complete inert atmosphere system	21,623	05
Lejohn, H.B. Microbiology Manitoba	Ultracentrifuge and one rotor	39,800	02
Lemon, R.E. Biology McGill	Micro-processor	10,745	01
Lester, J.B. Astronomy Toronto	A high signal/noise silicon photodiode array detector system	24,479	17
Leung, L.W.S. Psychology Western Ontario	Minicomputer system for brain-behaviour research	15,000	12

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Lewis, J.E. Electrical Eng. New Brunswick	Monitor and control apparatus for high power microwave heating applicators	15,460	11
Lewis, N.A. Chemistry New Brunswick	Electrochemical instrumentation and XY recorder	29,800	05
Lindsay, J.F. Electrical Eng. Concordia	Dynamometer for motor drive systems	44,000	11
Link, S.W. Psychology McMaster	Disk drive and memory	10,000	12
List, R. Physics Toronto	Disk unit and terminal for droplet spectrometers	10,500	17
Llewellyn, E.J. Physics Saskatchewan	Resonance lamps for the measurement of minor/trace constituent concentrations	44,000	17
LoLordo, V.M. Psychology Dalhousie	Microprocessor-based control and recording equipment for studies of animal learning	7,000	12
Lowe, L.E. Soil Science British Columbia	High performance gradient liquid chromatograph	22,800	03
MacDougall, J.W. Electrical Eng. Western Ontario	Frequency synthesiser for use in radio research	33,828	17
MacKenzie, I.K. Physics Guelph	Hyperpure planar GE detector	9,450	15
Mackey, M.C. Physiology McGill	Laboratory microcomputer system	39,602	01
MacLachy, C.S. Physics Acadia	Digital oscilloscope with general purpose interface bus	7,715	15
MacLean, D.B. Chemistry McMaster	Preparative liquid chromatograph	29,540	05
MacLean, W.H. Geological Sciences McGill	Automatic fluxer for preparation of rock powders for X-ray fluorescence analysis	24,586	10
MacLeod, C.M. Psychology Toronto	Multi-station cognitive laboratory control system	10,000	12

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Magnenat-Thalmann, N. Méth. quant. gest. Montréal	Ecran graphique couleur avec accessoires	29,145	07
Malcolm, M.A. Computer Science Waterloo	Three personal computer work stations	42,000	07
Manson, A.H. Physics Saskatchewan	Development of Saskatoon medium frequency radar, to include two remote receiving systems	34,338	17
March, R.E. Chemistry Trent	Radio frequency generator and power supply	10,870	05
Marteniuk, R.G. Kinesiology Waterloo	A system for the quantification of human movement kinematics	6,000	12
Marteniuk, R.G. Kinesiology Waterloo	Colour graphics terminal	15,000	12
Martin, P.G. Astronomy Toronto	Enhancement of existing array processor for applications in theoretical astronomy	47,300	17
Masson, C.R. Mining/Metallurgy Tech Univ N.S.	Pen recorder, with electronic integrator	9,460	04
Mather, J.A. Psychology Western Ontario	Polygraph	5,100	12
Matheson, A.T. Biochem./Microbiol. Victoria	Preparative ultracentrifuge	30,000	02
Mayfield, C. Biology Waterloo	Data acquisition and processing system	8,325	03
McAuley, A. Chemistry Victoria	Scanning stopped-flow spectrometer	45,604	05
McCann, S.B. Geography McMaster	Digital recording tethered current meter system	12,230	10
McCaughy, J.H. Geography Queen's	Data systems for forest climate studies	25,841	10
McClelland, R.A. Chemistry Toronto	UV-visible-near infrared spectrophotometer	74,700	05

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
McCorquodale, J.A. Civil Engineering Windsor	Wave flume and generator	42,300	06
McDonald, D.G. Biology McMaster	Gamma counter, well type, with 3" crystal detector	6,500	01
McEwen, D.J. Physics Saskatchewan	Spectrum analyzer	8,908	17
McEwen, D.J. Physics Saskatchewan	Suprathermal electron analyzer	19,920	17
McGarvey, B.R. Chemistry Windsor	High resolution 19F probe for FT spectrometer	7,500	05
McIntosh, J.M. Chemistry Windsor	Proton magnetic resonance spectrometer	74,000	05
McKee, J.S.C. Physics Manitoba	Equipment required to service, non-nuclear users of University of Manitoba Cyclotron Facility	56,600	22
McKersie, B.D. Crop Science Guelph	Plant growth cabinet	37,175	02
McLean, J.A. Entomology British Columbia	25 megabyte disk drive for X-ray energy spectrometer	9,670	01
McMahon, B.R. Biology Calgary	Total carbon dioxide analyser (liquid samples); Carbon dioxide analyser (gas samples)	10,057	01
McNeice, G.M. Civil Engineering Waterloo	Impact dynamics data acquisition system	31,246	13
Meinertzhagen, I.A. Psychology Dalhousie	Inverted microscope	16,358	01
Menard, H. Chimie Sherbrooke	Techniques analytiques par voie électrochimiques et chromatographique	9,500	05
Mendelsohn, E. Mathematics Toronto	Microcomputer for combinatorial research	7,563	16
Mendelsohn, N.S. Mathematics Manitoba	Computer and Ancillaries	14,561	16

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Mendes de Sousa, A.C. Mechanical Eng. New Brunswick	Long path difference interferometer	15,000	13
Mettrick, D.F. Zoology Toronto	Neurophysiological equipment	42,263	01
Meyer, J. Physics British Columbia	1 GHz - real time oscilloscope	32,375	15
Meyerhof, G.G. Civil Engineering Tech Univ N.S.	Compression test machine with infinitely variable speed range	15,000	06
Miceli, D. Psychologie Qué.-Trois-Riv	Laboratoire de neuroanatomie	12,000	12
Miceli, D. Psychologie Qué.-Trois-Riv	Accessoires de fluorescence pour microscope	7,000	12
Midgley, G.C. Psychology Western Ontario	Microtome-cryostat for stimulus-induced autoradiography	8,823	12
Migneron, J.G. Ctr rech amé./dév. Laval	Dispositif d'analyse en temps réel pour l'étude du bruit urbain et pour le traitement automatique des résultats	25,500	13
Migneron, J.G.R. Ctr rech amé./dév. Laval	Complément d'installation pour la mise en oeuvre d'un dispositif d'analyse en temps réel au laboratoire d'acoustique	10,880	13
Mikaelian, H.H. Psychology New Brunswick	CRT display for spatial frequency gratings	7,000	12
Miller, M.H. Land Resource Sc Guelph	Porometer	6,900	03
Mills, R.H. Civil Engineering Toronto	Rehabilitation of obsolete machine for determining strain energy release rate	4,000	06
Milson, W.K. Zoology British Columbia	Equipment for studies of chemoreceptor discharge	25,855	01
Mirza, S. Mechanical Eng. Ottawa	Electrodynamic shaker	39,503	13
Misra, S.K. Physics Concordia	NMR Gaussmeter	15,325	15

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Mitchell, K.A.R. Chemistry British Columbia	Instrumentation for improved intensity measurements in low-energy electron diffraction	21,210	05
Modi, V.J. Mechanical Eng. British Columbia	Pressure and flow monitoring systems for prosthetic heart valve studies	22,650	13
Moen, P.B. Biology York	Fluorescence microscope	10,000	02
Moisan, M. Physique Montréal	Spectrophotomètre pour spectroscopie atomique et moléculaire	30,000	15
Molotchnikoff, S. Sciences biolog. Montréal	Modules d'enregistrement	14,450	01
Money, T. Chemistry British Columbia	Mass spectrometer data system	56,816	05
Moran, G.A. Psychology Western Ontario	Video motion analyzer	9,500	12
Morgan, F.J. Physics York	High power, short pulse photolysis laser	22,295	15
Morgera, S.D. Electrical Eng. Concordia	Upgrading the facilities of the minicomputer and microprocessor laboratory	27,000	11
Morisset, J.A. Biologie Sherbrooke	Computing spectrophotometer	45,881	01
Morissette, S. Génie électrique Sherbrooke	Interface de communication entre l'ordinateur de calcul temps réel (PDP-11/60) et l'ordinateur de développement de logiciel (PDP-11/24)	23,772	11
Morris, C.E. Biology Ottawa	Micromanipulators for single-channel and intracellular recording	9,000	02
Morris, D.R. Chemical Eng. New Brunswick	1) Isostatic press 2) Gold sputtering equipment	14,500	04
Morrison, R.S. Physics Simon Fraser	Vacuum deposition system	65,176	15
Moskovits, M. Chemistry Toronto	Replacement laser and upgrading to spectrometer	87,725	05

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Moule, D.C. Chemistry Brock	Excimer pumped dye laser and supersonic jet	23,300	05
Muir, W.E. Agric. Eng. Manitoba	Data acquisition system	28,000	21
Murray, E.D. Food Science Manitoba	Light microscope - research model	23,673	03
Nadeau, D. Physique Montréal	Interféromètre pour astronomie infrarouge	10,900	17
Nadeau, J.S. Metallurgical Eng. British Columbia	Long time constant load facility	34,096	04
Nakai, S. Food Science British Columbia	Zeta potential meter	19,000	03
Narasiah, S. Génie civil Sherbrooke	COD analyser (analyseur de carbone), electrophoretic analyser	26,000	06
Narasiah, S. Génie civil Sherbrooke	Auto sampler ASM-1	18,000	06
Nazar, R.N. Botany & Genetics Guelph	Density gradient and column chromatography scanning system	9,200	02
Neilson, T. Biochemistry McMaster	High pressure liquid chromatographic system	37,565	02
Neufeld, R.J. Chemical Eng. McGill	Centrifuge	11,500	04
Newborn, M.M. Computer Science McGill	Tree-structured computer for parallel processing problems	66,300	07
Newman, B.G. Mechanical Eng. McGill	Data processing and control micro computer with peripherals	47,766	13
Ng, S.S.F. Civil Engineering Ottawa	Automatic data acquisition system with 187 bytes desk top computer system	58,524	06
Nicholls, P. Biolog. Sciences Brock	Diode array rapid scan spectrophotometer	45,915	02

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Nicholson, P.S. Metal/Mat. Science McMaster	Equipment for the development and evaluation of superionic conducting ceramics for high-energy-density batteries	55,584	04
Nirdosh, I. Chemical Eng. Lakehead	Flotation cell and accessories	9,200	04
Nisbet, E.G. Geological Sciences Saskatchewan	X-Ray tubes for geochemical analysis	14,900	10
Northwood, D.D. Eng Materials Windsor	Diffraction pattern measuring and recording system	12,500	04
Northwood, D.D. Eng Materials Windsor	Scanning electron microscope	73,905	04
Novitsky, J.A. Biology Dalhousie	Low temperature incubator	8,000	02
Oaks, B.A. Biology McMaster	High performance liquid chromatography system	45,000	03
Occhietti, S. Géographie Qué-Montréal	Laboratoire de géochronologie par les acides aminés	29,933	10
Olson, J.P. Household Econ. Saskatchewan	Ultracentrifuge	30,000	02
Oosthuizen, P.H. Mechanical Eng. Queen's	Data acquisition system for convective heat transfer studies	23,159	13
Ormrod, D.P. Horticultural Sci. Guelph	Ammonia-hydrogen sulfide continuous analysis system	33,800	03
Osborn, T.R. Oceanography British Columbia	Minicomputer for data acquisition and analysis	29,158	10
Ostiguy, G.L. Mécanique Ecole Polytech.	Système pour mesures acoustiques	14,980	13
Otto, F.D. Chemical Eng. Alberta	Chemiluminescent nitrogen detector	12,000	04
Ouellet, Y.B. Génie civil Laval	Système d'acquisition et de traitement partiel des données	17,000	06

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Paidoussis, M.P. Mechanical Eng. McGill	Modifications to existing analyzer system	7,000	13
Paidoussis, M.P. Mechanical Eng. McGill	New wind tunnel	34,950	13
Palmer, H.C. Geophysics Western Ontario	A C demagnetizer with reversing type tumbler	21,800	10
Paquette, N. Biologie Laval	Incubateur pour culture de champignon	9,600	02
Paradis, M.A. Génie mécanique Laval	Système d'acquisition de donnée pour le laboratoire EDEN	21,296	13
Passmore, J. Chemistry New Brunswick	Part II: NMR with multinuclear capability	68,689	05
Passmore, J. Chemistry New Brunswick	Accessories for Picker FACS-I automatic X-ray diffractometer system	15,815	05
Paszner, L. Forestry British Columbia	Automatic sugar analyser	73,662	04
Patchett, B.M. Mineral Eng. Alberta	Low frequency eddy current testing of defective welds in non-ferrous metals	25,000	04
Peach, M.E. Chemistry Acadia	Purchase of an infrared spectrophotometer	25,000	05
Pearce, T.H. Geological Sciences Queen's	Improved laser interference microscope	73,905	10
Perz, J.M. Physics Toronto	De Haas-van Alphen oscillation spectrometer	10,715	15
Peter, R.E. Zoology Alberta	High speed centrifuge with heads	12,247	01
Phan, C.L. Sc. appliquées Qué-Beauport	Granulomètre optique pour mesure du spectre dimensionnel des gouttelettes d'eau	33,696	11
Pharis, R.P. Biology Calgary	Droplet countercurrent distribution chromatograph	17,629	03

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Phillips, J.E. Zoology British Columbia	High pressure liquid chromatography apparatus	40,000	01
Piggott, M.R. Chemical Eng. Toronto	Materials test system	76,033	04
Pilliar, R.M. Metal/Mat. Science Toronto	Multi channel radio telemetry	16,360	04
Pincock, J. Chemistry Dalhousie	Single-photon counting nanosecond lifetime spectrofluorometer	49,070	05
Plamondon, A.P. Aménag./sylvicult. Laval	Système portatif d'acquisition de données	11,821	03
Plamondon, R. Génie électrique Ecole Polytech.	Unité centrale et tablette digitalisante pour l'intégration d'une station de travail	22,015	11
Poirier, G.G. Biologie Sherbrooke	Lyophilisateur	7,300	02
Polis, M.P. Génie électrique Ecole Polytech.	Tourne-disque de 80M/bytes	11,664	11
Pollack, G.S. Biology McGill	Multichannel instrumentation recorder	8,500	01
Porac, C.K. Psychology Victoria	Spatial frequency array system	11,000	12
Postlethwaite, J. Chem & Chem Eng. Saskatchewan	Corrosion measurement system	21,059	04
Prince, R.H. Physics York	Surface diagnostics instrumentation	33,830	15
Prud'Homme, R.E. Chimie Laval	Analyseur enthalpique différentiel	69,517	05
Puddephatt, R.J. Chemistry Western Ontario	Vacuum atmospheres drilab	31,025	05
Racine, R.J. Psychology McMaster	Replacement terminal for existing laboratory computer system	14,645	12

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Rahman, M.A. Electrical Eng. Memorial	Variable voltage, variable frequency three phase voltage-source inverters	18,093	11
Rajagopalan, V. Ingénierie Qué.-Trois-Riv	Terminal graphique et traceur de courbes	20,887	11
Rangacharyulu, C. Physics Saskatchewan	Upgrading the electron scattering facility at the Saskatchewan Linac	30,000	22
Rauk, A. Chemistry Calgary	Automatic polarimeter	18,775	05
Reid, I. Mater. Sci. Group Western Ontario	Quartz crystal film thickness monitor	5,980	04
Reinsborough, V.C. Chemistry Mount Allison	Vapour pressure osmometer	11,975	05
Rempel, G.L. Chemical Eng. Waterloo	Gas chromatograph	26,000	04
Rennie, D.A. Soil Science Saskatchewan	Precision drill	33,400	03
Rice, J.B. Physics Brandon	High resolution graphics computer	14,658	17
Rigaud, M.A.J. Génie chimique Ecole Polytech.	Pyromètre à radiation infra-rouge, deux couleurs	12,000	04
Rigler, F.H. Biology McGill	Trace element laboratory equipment	49,443	18
Ristic, V. Electrical Eng. Toronto	System for fabrication of sub-micron electrode structures	29,036	11
Robertson, R.J. Biology Queen's	A portable system for recording and cataloguing behavioural data in the field	13,416	18
Robinson, C.W. Chemical Eng. Waterloo	Laminar flow cabinets	12,400	04
Rochon, F.D. Chimie Qué-Montréal	Ultra stable X-ray generator	27,000	05

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Roeder, P.L. Geological Sciences Queen's	Energy dispersive detector	11,600	10
Rohan, K. Génie civil Sherbrooke	Laser-Doppler anemometre (TSI)	12,000	06
Rollin, A.L. Génie chimique Ecole Polytech.	Balance mono-plateau électronique - Portée 0-36 kg	6,161	04
Ross, J.V. Geological Sciences British Columbia	To spend leave at: Centre for Tectonophysics, College Station, Texas (September 1982 to August 1983)	63,992	10
Roy, C. Génie chimique Sherbrooke	Système de contrôle du débit et de la pression dans un réacteur de pyrolyse	8,500	04
Roy, D. Physique Laval	Equipement d'électronique générale pour un appareil de diffusion d'électrons	15,000	15
Roy, J.R. Physique Laval	Spectrophotomètre interférentiel de Fabry-Perot à balayage	10,700	17
Roy, R. Physique Laval	Deux oscilloscopes à 100 MHz et leur équipement auxiliaire	10,000	22
Rule, S.J. Psychology Alberta	Acoustic research facility	11,000	12
Runquist, W.N. Psychology Alberta	Microprocessor systems	7,000	12
Rusak, B. Psychology Dalhousie	Neurophysiological recording system	20,000	12
Russell, A.P. Biology Calgary	X-ray shielded cabinet system	9,300	01
Saint-Jacques, R.G. INRS - Energie Québec-INRS	Système de réflectance diffuse pour spectrophotomètre	13,000	04
Salama, C.A.T. Electrical Eng. Toronto	Vacuum metallization system	68,000	11
Salin, E.D. Chemistry McGill	Laboratory computer for data acquisition	19,652	05

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Sankar, T.S. Mechanical Eng. Concordia	Vibrational modal analysis system	79,584	13
Sauve, R. Physique Montréal	Organe de commandes	12,000	02
Schreiber, H.P. Chemical Eng. Ecole Polytech.	Gas chromatograph for inverse chromatography	19,000	04
Schroeder, J. Civil Engineering Waterloo	Real time data collection, control & analysis systems	51,341	06
Scott, R.N. Bio-Eng. Institute New Brunswick	Equipment for biomedical engineering research	31,700	11
Scott, S.D. Geology Toronto	Automated wave-length spectrometers	62,688	10
Secco, E.A. Chemistry St. F. Xavier	Repair components for infrared instrument	11,220	05
Sen, P.C. Electrical Eng. Queen's	Power supply for industrial process and machines research	23,373	11
Serpone, N. Chemistry Concordia	Fluorescence spectrophotometer	41,520	05
Setterfield, G. Biology Carleton	Fluorescence microscope-microphotometer	28,000	02
Sharp, A.R. Physics New Brunswick	4.5T superconducting magnet system for NMR	75,000	15
Shaw, W.J.D. Mechanical Eng. Calgary	Materials testing environmental control system	15,800	13
Shepherd, G.G. Physics York	Upgrading of existing data processing and optical facilities	19,500	17
Shepherd, M.A. Applied Math. Tech Univ N.S.	Microcomputer system	10,406	07
Shook, C.A. Chem & Chem Eng. Saskatchewan	Data acquisition and processing system	16,199	04

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Silver, E.A. Management Sciences Calgary	APPLE III microcomputer system	12,615	20
Silveston, P.L. Chemical Eng. Waterloo	High pressure reactors for feed modulation studies of industrially important reactions	23,100	04
Silveston, P.L. Chemical Eng. Waterloo	RUHR dilatometer	21,000	04
Singh, S.M. Zoology Western Ontario	Spectrophotometer	12,480	18
Sivak, J.G. Optometry Waterloo	Histology instrumentation	20,000	01
Skopik, D.M. Physics Saskatchewan	A pion/hadron compatible detector system	28,450	22
Slavin, A.J. Physics Trent	Auger analysis chamber	8,025	15
Smeltzer, W.W. Metal/Mat. Science McMaster	Coulometric and potentiometric electrochemical installation	19,140	04
Smith, C.D. Civil Engineering Saskatchewan	Recirculating tilting flume	18,000	06
Smith, D.W. Civil Engineering Alberta	Total organic carbon	22,000	06
Smy, P.R. Electrical Eng. Alberta	Oscilloscope and accessories	24,730	15
Snieckus, V.A. Chemistry Waterloo	Analytical high pressure liquid chromatogram	25,685	05
Somerville, C.R. Genetics Alberta	Scintillation counter	21,000	03
Sorenson, P.G. Computer Science Saskatchewan	Computational science research laboratory	49,500	07
Sorger, G.J. Biology McMaster	Centrifuge and incubator to complete a recombinant DNA research facility	11,000	02

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Souza Machado, V. Horticultural Sci. Guelph	Liquid scintillation counter	30,000	02
Sparling, A.B. Civil Engineering Manitoba	Autoanalyser	20,000	06
Spencer, A.N. Zoology Alberta	Neurophysiological recording unit	19,000	02
Spencer, M.E. Plant Science Alberta	Quantaspectrometer	11,652	03
Spiegelman, G.B. Microbiology British Columbia	Liquid scintillation counter	30,000	02
Spink, D.R. Chemical Eng. Waterloo	Sulfur and carbon analyzer	50,700	04
Srivastava, K.D. Electrical Eng. Waterloo	High pressure coaxial test chamber with HV bushing	24,775	11
Standing, K.G. Physics Manitoba	Time-of-flight mass spectrometer (parts)	23,000	22
Stangeby, P.C. Aerospace Studies Toronto	Intense ion beam for fusion materials research	52,000	15
Stanton, R.G. Computer Science Manitoba	Support for computer system	24,000	07
Starkes, J.L. Physical Education McMaster	Microcomputer	4,100	12
St-Arnaud, J.M.R. Physique Qué.-Trois-Riv	Interféromètre-laser	30,259	15
Steele, J.E. Zoology Western Ontario	Centrifuge	10,119	01
Steer, R.P. Chem & Chem Eng. Saskatchewan	Equipment for laser upgrading	19,415	05
Steeves, J.D. Zoology British Columbia	Intracellular recording platform for embryonic nervous system	18,866	01

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Steinitz, M.D. Physics St. F. Xavier	Waveform digitizer and video terminal for ultranonics research	10,963	15
Stephens, R. Chemistry Dalhousie	MNC 11 minicomputer	22,143	05
Stevenson, K.J. Chemistry Calgary	High performance liquid chromatograph	40,000	02
St-Jacques, M. Chimie Montréal	Satellite processing station pour un spectromètre de RMN WH-400	74,000	05
Stobart, S.R. Chemistry Victoria	Cryo system for Cary 17	11,966	05
Stokes, P.M. Botany Toronto	Data transmitters and control unit	15,650	18
Storms, R.K. Biology Concordia	Preparative ultra centrifuge and one rotor	37,698	02
St-Pierre, C. Physique Laval	HP Ge coaxial detector	28,782	22
Straus, N.A. Botany Toronto	Laminar flow biological containment hood	6,000	02
Stroink, G. Physics Dalhousie	Biomedical second order gradiometer probe	27,500	15
Stynes, D.V. Chemistry York	Stopped-flow spectrophotometer	60,456	05
Susak, N.J. Geology New Brunswick	Automation and data processing system for x-ray fluorescence facility	49,809	10
Sutcliffe, J.F. Biology Waterloo	Compound light microscope and supporting hardware	18,275	01
Sutherland, R.G. Chem & Chem Eng. Saskatchewan	High performance liquid chromatograph	30,518	05
Suzuki, I. Microbiology Manitoba	UV-VIS spectrophotometer	23,000	02

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Swatland, H.J. Animal/Poultry Sc. Guelph	Reflectance microspectrophotometer	19,222	01
Tabisz, G.C. Physics Manitoba	High power argon-ion laser for collision-induced light scattering	30,000	15
Takaya, K. Electrical Eng. Saskatchewan	Pyroelectric target vidicon camera and upgrading a laser scanner	24,300	11
Tansley, E.W. Psychology Carleton	Photometric calibration apparatus and storage oscilloscope	7,000	12
Taylor, D.R. Physics Queen's	Backward-wave ultrasonics spectrometer	10,000	15
Taylor, H.W. Physics Toronto	Multichannel Pulse Height Analyser	8,700	22
Teitelbaum, H. Chemistry Ottawa	Transient recording equipment for shock tube chemistry	31,360	05
Tennyson, R.C. Aerospace Studies Toronto	Radiation space simulator	19,341	13
Therien, N. Génie chimique Sherbrooke	Analyseur de carbone de procédé	33,340	04
Thomas, R.E. Electronics Carleton	Low pressure chemical vapour deposition system	47,015	11
Thompson, J.E. Biology Waterloo	Gas chromatograph	17,308	03
Thompson, L.U. Nutrition Toronto	High performance liquid chromatograph	29,204	03
Tidwell, T.T. Chemistry Toronto	Kinetic ultraviolet spectrophotometer	25,191	05
Timusk, T. Physics McMaster	Infrared spectroscopy equipment	23,710	15
Trusty, J. Mechanical Eng. McMaster	High speed - high power milling test facility	56,097	13

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Todorovic, P. Génie civil Ecole Polytech.	Ictomètres à acquisition automatique des données	12,000	06
Toews, D.P. Biology Acadia	Gas mixing pump and radiometer blood gas analyzer	19,500	01
Torchuk, E. Physics Winnipeg	NMR double resonance unit	30,975	15
Tong, B.Y. Physics Western Ontario	Thermal chemical vapour deposition system	42,000	15
Trembath, L.T. Geology New Brunswick	X-Ray diffractometry system	74,882	10
Tremblay, R. Physique Laval	Système pour la caractérisation des fibres optiques	30,000	15
Tromans, D. Metallurgical Eng. British Columbia	Electrochemical corrosion measurement system	25,875	04
Tung, M.A. Food Science British Columbia	Thermal analysis data system	29,027	03
Turpin, D.H. Biology Queen's	Carbon, hydrogen and nitrogen (CHN) analyzer	31,281	03
Turrell, B.G. Physics British Columbia	Equipment for nuclear orientation and NMRON studies: high purity germanium detector	20,000	15
Valenta, Z. Chemistry New Brunswick	Polarimeter	18,000	05
Valli, V.E.O. Pathology Guelph	Two channel automated gamma counter with printer	25,802	01
Van Andel, H.W.H. Physique Montréal	Oscilloscope à mémoire et accessoires	25,000	15
Van Huystee, R.B. Plant Science Western Ontario	Low temperature growth cabinets	19,000	02
Vanier, J. Génie électrique Laval	Système d'acquisition de données	13,893	11

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Van Wijngaarden, A. Physics Windsor	Superconducting solenoid	44,087	15
Vasudevan, R. Computer Science Calgary	Microcomputer and network hardware	24,800	07
Venart, J.E.S. Mechanical Eng. New Brunswick	Ultra low temperature circulator (-125/+40 degree C)	34,831	13
Verma, R.D. Physics New Brunswick	Pulse laser system	76,742	15
Villeneuve, J.P. INRS-Eau Québec-INRS	Système d'acquisition et de traitement de données	23,147	06
Vining, L.C. Biology Dalhousie	Components for high pressure liquid chromatograph	14,000	02
Viswanatha, T. Chemistry Waterloo	Accessories to high pressure liquid chromatography unit	14,000	02
Vlachopoulos, J. Chemical Eng. McMaster	Adjustable sheeting die and sheet take-off assembly	20,000	04
Vlcek, J. Forestry Toronto	Data acquisition and image analysis system	16,800	03
Von Grönau, M.W. Psychology Queen's	Magnetic search coil system for eye movement recording	11,853	12
Wahlsten, D.L. Psychology Waterloo	Electronic balance and microscope camera	10,558	12
Waller, D.H. Civil Engineering Tech Univ N.S.	Auto analyzer assembly for analyses of storm water, receiving waters and waste water	12,000	06
Wan, J.K.S. Chemistry Queen's	Upgrading and development of electron spin resonance facility at Queen's	42,669	05
Wangersky, P.J. Oceanography Dalhousie	Updating of high pressure liquid chromatography equipment	20,000	21
Ward, R.M. Psychologie Qué.-Trois-Riv	Microtome à congélation	7,643	12

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Watson, A.K. Plant Science McGill	Double door sterilizer	17,000	18
Watton, A. Physics Victoria	Superconducting magnet for NMR	54,200	15
Webb, R.A. Biology York	High performance liquid chromatograph	28,000	01
Webster, J. Science Simon Fraser	Scuba air compressor and accessories	35,219	01
Weeks, G. Microbiology British Columbia	Gas liquid chromatograph	30,000	02
Wehlau, W.H. Astronomy Western Ontario	Data acquisition for a Fourier spectrometer	14,000	17
Weil, J.A. Chem & Chem Eng. Saskatchewan	Electron spin resonance spectrometer accessories	78,050	05
Weiler, L. Chemistry British Columbia	Capillary column gas chromatograph	38,000	05
Weingartshofer, A. Physics St. F. Xavier	Vacuum chamber	13,500	15
Welch, G.A. Astronomy Saint Mary's	Image processing components for a travelling CCD system	14,344	17
Wertheimer, M.R. Génie-physique Ecole Polytech.	Equipment for research on thin solid films	47,642	04
West, N.H. Physiology Saskatchewan	Blood gas analyser	9,085	01
West, N.H. Physiology Saskatchewan	Physiological tape recorder	13,429	01
Westgate, J.A. Geology Toronto	Modular system for quantitative digital image analysis	18,229	10
Westlake, D. Microbiology Alberta	Analytical scintillation system	17,810	02

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
White, J.C. Geology New Brunswick	Double tilt holder for transmission electron microscopy unit	7,561	10
White, M.A. Chemistry Waterloo	Data acquisition centre for investigation of thermal properties of solids	19,000	05
White, W.E. Mechanical Eng. Calgary	Scanning electron microscope; cambridge stereoscan 100	68,325	13
Williams, G. Physics Manitoba	Potentiometric D.C. measuring system	15,700	15
Williams, J.P. Botany Toronto	Automatic sampling and integrating equipment	14,238	03
Wilson, M.V.H. Zoology Alberta	Small computer with graphics-tablet digitizer	6,700	10
Winnik, M.A. Chemistry Toronto	An HPLC-light scattering facility for polymer characterization	78,360	05
Witten, I.H. Computer Science Calgary	Distributed office information system research computer	60,000	07
Wolfe, S. Chemistry Queen's	Computer	100,000	05
Wong, A.K.C. Systems Design Waterloo	Pattern and image analysis and display subsystem	71,357	21
Wong, S.K. Chemistry Western Ontario	A fast atom bombardment (FAB) ion source for mass spectral analysis	28,000	05
Wood, C.M. Biology McMaster	Two precision gas mixing pumps	17,468	01
Wright, J.D. Chemical Eng. McMaster	Process chromatograph for real-time process control	49,000	04
Wright, K.A. Zoology Toronto	Photographic and microscope equipment	22,097	01
Wynnycky, J.R. Chemical Eng. Waterloo	Micromeritics sedigraph 50000, particle size analyzer	31,250	04

3.1.1. Equipment Grants / Subventions d'appareillage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Yamauchi, H. Eng Materials Windsor	Piezoelectric measurement equipment	26,866	04
Yoo, B.Y. Biology New Brunswick	Gamma 4,000 counter with DP5,000 computer printer	18,000	02
Youdelis, W.V. Eng Materials Windsor	Induction heating generator	45,740	04

3.1.2. Major Equipment Grants / Subventions d'appareils spéciaux

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Bailon, J.P.E. Génie métall. Ecole Polytech.	Microscope électronique à balayage	219,461
Bale, C.W. Métallurgie Ecole Polytech.	Calorimètre 1750 degrees C - 1750 degrees C calorimeter	119,173
Bancroft, G.M. Chemistry Western Ontario	Canadian synchrotron radiation facility	76,000
Batchelor, B. Civil Engineering Queen's	(220 Kip) 1000 kN materials testing system	138,700
Bell, K. Geology Carleton	Solid-source mass spectrometer	200,000
Berlinsky, A.J. Physics British Columbia	NMR data acquisition system and digital frequency synthesizer	39,625
Bertie, J.E. Chemistry Alberta	Evacuable Fourier transform infrared spectrometer for the range 10 to 9000 cm-1	175,000
Buchanan, G.W. Chemistry Carleton	Multinuclear high field NMR spectrometer	197,080
Bui-Quoc, T. Mécanique Ecole Polytech.	Machine d'essais en fatigue/fluage, avec cabinet de contrôle	86,000
Burnell, E.E. Chemistry British Columbia	Nuclear magnetic resonance data station	136,210
Burnell, R.H. Chemistry Laval	Mass spectrometer	105,343
Butler, I.S. Chemistry McGill	Laser Raman spectrometer and accessories	120,000
Cabana, A. Chimie Sherbrooke	Spectromètre interférométrique	199,485
Cameron, J.M. Physics Alberta	Data analysis computing system	198,000

3.1.2. Major Equipment Grants / Subventions d'appareils spéciaux (continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Cavey, M.J. Biology Calgary	Scanning electron microscope with energy dispersive spectrometer	147,200
Clark, T.A. Physics Calgary	1.5 m infrared astronomical telescope	198,000
Code, R.F. Physics Toronto	UV-visible-IR laser equipment for optical investigations of materials	31,680
Colebrook, L.D. Chemistry Concordia	Multi-purpose utility ft NMR spectrometer	143,910
Costerton, J.W. Biology Calgary	Transmission electron microscope	185,470
Craig, D.A. Entomology Alberta	Replacement instrument for SEM service	128,375
Crozier, E.D. Physics Simon Fraser	Laboratory EXAFS facility	146,640
Curzon, A.E. Physics Simon Fraser	Scanning electron microscope with X-ray analyser	207,241
Drummond, J.R. Physics Toronto	Balloon-borne multi-channel infrared pressure modulator radiometer	104,000
Fahiman, G.G. Geophys./Astron. British Columbia	Image processing work station	100,000
Fazio, P.P. Ctre.-Build. Stud. Concordia	Data acquisition system for centre laboratories	80,000
Ferguson, R.B. Earth Sciences Manitoba	X-ray powder diffractometer and X-ray generator	124,000
Fowke, L.C. Biology Saskatchewan	Scanning electron microscope	99,583
Gibbs, S.P. Biology McGill	A high resolution transmission electron microscope	208,000
Gray, C.G. Physics Guelph	Array processor for experimental analysis and computer simulations	275,000

3.1.2. Major Equipment Grants / Subventions d'appareils spéciaux (continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Haard, N.F. Biochemistry Memorial	Amino acid analyzer	120,692
Harrison, A.G. Chemistry Toronto	Mass spectrometer electronics update	114,900
Haykin, S.S. Elec. & Comp. Eng. McMaster	Digital wideband recorder	126,500
Heyding, R.D. Chemistry Queen's	Automated X-ray powder diffractometer	88,583
Hollands, K.G.T. Mechanical Eng. Waterloo	Natural convection apparatus	112,953
Hughson, R.L. Kinesiology Waterloo	Computerized gas exchange analysis	84,645
Janzen, E.G. Chemistry Guelph	High-Power 200 MHz N.M.R. cryospectrometer	275,000
Kanasewich, E.R. Physics Alberta	Wide dynamic range digital seismic system	200,000
Kapoor, N.N. Biology Concordia	Scanning electron microscope	102,510
Kay, D.A.R. Metal/Mat. Science McMaster	Air/vacuum induction melting unit	177,597
Kuehner, J.A. Physics McMaster	On-line computer for McMaster tandem accelerator	154,445
Kuehner, J.A. Physics McMaster	Inductive charging system for the McMaster tandem accelerator	85,000
Larter, E.N. Plant Science Manitoba	Controlled environmental chambers	20,000
Lee, D.G. Chemistry Regina	Rapid-scan spectrophotometers	104,000
McKee, J.S.C. Physics Manitoba	University of Manitoba Cyclotron Laboratory Computer	185,000

3.1.2. Major Equipment Grants / Subventions d'appareils spéciaux (continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
McLatchie, W. Physics Queen's	Apparatus to determine parity violation in 18F	180,000
Merer, A.J. Chemistry British Columbia	Fourier transform infra-red spectrophotometer	199,872
Morris, G.P. Biology Queen's	Transmission electron microscope	165,472
Nyburg, S.C. Chemistry Toronto	X-ray diffractometer	184,550
O'Driscoll, K.F. Chemical Eng. Waterloo	Gel permeation chromatography light scattering photometer	130,680
Patrick, Z.A. Botany Toronto	Controlled environment growth facilities	165,675
Payne, N.C. Chemistry Western Ontario	X-ray crystallographic analysis system	189,100
Polis, M. Génie électrique Ecole Polytech.	Appareillage pour la conception assistée par ordinateur	213,168
Pollak, V.A. Electrical Eng. Saskatchewan	A facility for research involving large data bases related to image and signal processing	105,000
Reid, L.D. Aerospace Studies Toronto	On-line minicomputer	149,185
Rubin, L.J. Chemical Eng. Toronto	High resolution computerized gas chromatograph-mass spectrometer	130,000
Sandorfy, C. Chimie Montréal	Spectrometre raman: ultraviolet, multicanal	140,000
Seguin, H.J.J. Electrical Eng. Alberta	2 axis diamond tool lathe for contoured mirror surface micro machining	200,000
Shafai, L. Electrical Eng. Manitoba	Antenna testing equipment	213,649
Shrivastava, S.C. Civ Eng/App Mech McGill	Computer and data logger	80,000

3.1.2. Major Equipment Grants / Subventions d'appareils spéciaux (continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Simpson, J.J. Physics Guelph	Large hyperpure G E detector for measurement of double B-decay rate of 76 Ge 2yr - 2nd Inst.	90,000
Tetu, M. Génie électrique Laval	Etalon de fréquence très stable à court et à moyen termes	88,539
Topper, T.H. Civil Engineering Waterloo	Data collection and test control system	100,000
Van Heeswijk, R.G. Electrical Eng. Waterloo	Impulse generator	120,500
Vaucher, J.G. Infor. & rech opér. Montréal	Ordinateur avec processeur graphique	262,646
Weatherly, G.C. Metal/Mat. Science Toronto	Scanning electron microscope	147,112
Weaver, J.T. Physics Victoria	Computer	180,000
Webber, G.R. Geological Sciences McGill	Automated sequential X-ray spectrometer	199,807
Whitehead, M.A. Chemistry McGill	Fast Fourier transform pulsed nuclear quadrupole spectrometer	78,000
Willison, J.H.M. Biology Dalhousie	High resolution scanning electron microscope	96,400
Wojciechowski, B.W. Chemical Eng. Queen's	Gas chromatograph - mass spectrometer	130,000
Wong, A.K.C. Systems Design Waterloo	Pattern and image analysis and display system	198,118
York, D. Physics Toronto	Ultra-sensitive mass spectrometer for laser-probe dating	240,000
Zalik, S. Plant Science Alberta	Environmentally controlled plant growth benches	100,662

3.1.3. Major Installation Grants/Subventions pour installations spéciales

Name Department University	Purpose of Grant	Amount
		\$
Nom Département Université	But de la subvention	Montant
		\$
Beveridge, T.U. Microbiology Guelph	Scanning transmission electron microscope	330,000
Bryman, D.A. TRIUMF British Columbia	Muon electron conversion	77,000
Collins, M.P. Civil Engineering Toronto	A large scale structural testing system for new structures laboratory	289,000
Davenport, A.G. Civil Engineering Western Ontario	Boundary layer wind tunnel II	100,000
Francis, D. Geological Sciences McGill	Automated electron microprobe	422,000
Gregory, B. Chemistry Memorial	Double focussing mass spectrometer	250,000
Holmes, J.L. Chemistry Ottawa	Mass spectrometry centre	540,000
Jones, W.E. Chemistry Dalhousie	High field NMR regional centre	384,100
Litherland, A.E. Physics Toronto	Ultra sensitive analysis facility	100,000
Mackworth, A.K. Computer Science Toronto	Image analysis system extension	400,000

3.1.3. Major Installation Grants/Subventions pour installations spéciales
(continued/suite)

Name Department University	Purpose of Grant	Amount
		\$
Nom Département Université	But de la subvention	Montant
		\$
McLean, A. Metallurgy & Material Science Toronto	X-Ray fluorescence system for non-destructive analysis of alloys and other materials	252,069
Morrison, J.A. Chemistry McMaster	Small angle neutron scattering	108,900
Saunders, J.K. Chimie Sherbrooke	Appareil de RMN à haut champ	228,400
Serpone, N. Chemistry Concordia	Canadian picosecond laser flash photolysis and spectroscopy centre	483,427
Shin, Y.M. Accelerator Laboratory Saskatchewan	New injection system for the 270 MeV Saskatchewan electron linear accelerator	158,000
Slobodrian, R.J. Physique Laval	Source d'ions d' ³ He polarisés pour l'accélé- rateur Van de Graaf	113,000
Spooner, E.T.C. Geology Toronto	An integrated extraction and mass spectrometry facility for isotopic and chemical analysis of liquid/gas inclusions in minerals	83,200
Wortman, D.B. Computer Science Toronto	Research computing facility for computer systems research group	658,909

3.2. CORE GRANTS

3.2. SUBVENTIONS D'INFRASTRUCTURE

3.2.1. Core Grants / Subventions d'infrastructure

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Ackermann, H.W. Microbiologie Laval	Centre de référence pour virus bactériens 3ans - 1er vers.	23,000	02
Addison, J.R. Physics McGill	* Principal investigator G.L.Austin(McGill) 3yr - 2nd Inst.		17
Alford, W.P. Physics Western Ontario	* Principal investigator J.A.Kuehner(McMaster)		22
Anderson, R.C. Zoology Guelph	* Principal investigator R.L.Peterson(Guelph)		03
Ansaldo, E.J. Physique Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Armstrong, J.B. Biology Ottawa	University of Ottawa Axolotl Colony 3yr - 1st Inst.	16,000	02
Armstrong, W.W. Infor. & rech opér. Montréal	* Chercheur principal G.V.Bochmann(Montréal)		07
Austin, G.L. Physics McGill	McGill Radar Weather Observatory * with R.S.Broughton(Macdonald Coll.), J.R.Addison, H.G.Leighton, J.S.Marshall, R.R.Rogers, E.U.Stansbury(McGill) 3yr - 2nd Inst.	38,500	17
Azuma, R.E. Physics Toronto	* Principal investigator A.E.Litherland(Toronto)		22
Baecker, R.M. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Baker, A.G. Psychology McGill	* Principal investigator A.S.Bregman(McGill) 3yr - 2nd Inst.		12
Barber, R.C. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Barron, G. Environ. Biology Guelph	* Principal investigator R.H.Peterson(Guelph)		03
Base, T.E. Fac. of Eng. Sci. Western Ontario	* Principal investigator A.G.Davenport(Western Ontario) 3yr - 1st Inst.		06

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Baskerville, J.C. Mathematics Western Ontario	* Principal investigator I.B.MacNeill(Western) 3yr - 2nd Inst.		14
Bauer, G.E.A. Civil Engineering Carleton	* Principal investigator N.J.Gardner(Ottawa) 3yr - 3rd Inst.		06
Beaudet, G. Physique Montréal	* Chercheur principal S.Demers(Montréal) 3ans - 2ième vers.		17
Bell, R.E. Physics McGill	* Principal investigator J.K.P.Lee(McGill)		22
Bellhouse, D.R. Mathematics Western Ontario	* Principal investigator I.B.MacNeill(Western) 3yr - 2nd Inst.		14
Bennett, G.W. Statistics Waterloo	Statistics Consulting Service * with K.S.Brown, J.D.Kalbfleisch, J.F.Lawless, R.J.MacKay, D.E.Matthews, C.E.Minder, D.A.Sprott, J.C.Young(Waterloo) 3yr - 1st Inst.	12,000	14
Bergstrom, J.C. Physics Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Beversdorf, W.D. Crop Science Guelph	* Principal investigator K.J.Kasha(Guelph)		03
Billinghurst, M.W. Radiology Winnipeg	* Principal investigator J.S.C.McKee(Manitoba)		22
Bindra, D. Psychology McGill	* Principal investigator A.S.Bregman(McGill) 3yr - 2nd Inst.		12
Birchall, J. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Bird, D.M. Renewable Dev. Res Macdonald Coll.	Macdonald Raptor Research Centre of McGill University * with R.B.Buckland, P.C.Lague, W.D.Marshall(Macdonald College) 3yr - 2nd Inst.	17,600	18
Birkemoe, P.C. Civil Engineering Toronto	* Principal investigator M.P.Collins(Toronto) 3yr - 2nd Inst.		06
Boal, D.H. Chemistry Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser) 3yr - 2nd Inst.		27

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Bochmann, G.V. Comp. & Info. Sc. Montréal	Laboratoire d'Informatique Appliquée * with J.Gecsei, E.Cerny, D.Thalmann, W.W.Armstrong(Montréal)	40,635	07
Bolton, C.T. Astronomy Toronto	The David Dunlap Observatory microdensitometer * with D.A.MacRae, P.P.Kronberg, J.R.Percy, C.C.Clement, J.B.Lester, P.G.Martin(Toronto) 3yr - 3rd Inst.	14,494	17
Borra, E.F. Physique Laval	* Chercheur principal S.Demers(Montréal) 3ans - 2ième vers.		17
Boulton, P.I.P. Electrical Eng. Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Brassard, C.J.J. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)		22
Brebner, A. Civil Engineering Queen's	* Principal investigator J.W.Kamphuis(Queen's) 3yr - 3rd Inst.		06
Bregman, A.S. Psychology McGill	Centralized computer system for psychological research * with D.J.Ostry, A.G.Baker, D.Bindra, M.J.Mendelson, M.Feuerstein, D.G.Doehring, D.C.Donderi(McGill) 3yr - 2nd Inst.	63,158	12
Britton, D.M. Botany & Genetics Guelph	* Principal investigator R.L.Peterson(Guelph)		03
Brockman, L.M. Family Studies Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Brooks, C. Geology Montréal	Isotope geology facility * with J.N.Ludden(Montréal), L.Gélinas(Ecole Polytech.) 3yr - 1st Inst.	30,000	10
Broughton, R.S. Agricul. Eng. Macdonald Coll.	* Principal investigator G.L.Austin(McGill) 3yr - 2nd Inst.		17
Brown, K.S. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14
Buckland, R.B. Animal Science Macdonald Coll.	* Principal investigator D.M.Bird(Macdonald Coll.) 3yr - 2nd Inst.		18
Burke, D.G. Physics McMaster	* Principal investigator J.A.Kushner(McMaster)		22

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Buxton, W.A.S. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Cameron, J.A. Physics McMaster	* Principal investigator J.A.Kuehner(McMaster)		22
Cameron, J.M. Physics Alberta	* Principal investigator G.C.Neilson(Alberta)		22
Canne, J. Botany & Genetics Guelph	* Principal investigator R.L.Peterson(Guelph)		03
Caplan, H.S. Physics Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Cerny, E. Infor. & rech opér. Montréal	* Chercheur principal G.V.Bochmann(Montréal)		07
Chan, L.K. Mathematics Western Ontario	* Principal investigator I.B.MacNeill(Western) 3yr - 2nd Inst.		14
Cheng, K.C. Mechanical Eng. Alberta	* Principal investigator R.R.Gilpin(Alberta) 3yr - 3rd Inst.		13
Cho, H.R. Physics Toronto	* Principal investigator R.List(Toronto) 3yr - 2nd Inst.		17
Clement, C.M. Astronomy Toronto	* Principal investigator C.T.Bolton(Toronto) 3yr - 3rd Inst.		17
Collins, M.P. Civil Engineering Toronto	Instrumentation of the CN Tower * with P.C.Birkemo(Toronto) 3yr - 2nd Inst.	22,000	06
Covvey, H.D.J. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Crawford, J.E. Physics McGill	* Principal investigator J.K.P.Lee(McGill)		22
Cujec, B. Physique Laval	* Chercheur principal R.J.Slobodrian(Laval)		22
D'Auria, J.M. Chemistry Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser) 3yr - 2nd Inst.		27

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Davenport, A.G. Fac. of Eng. Sci. Western Ontario	Research in wind engineering * with B.J.Vickery, N.Isyumov,M.Novak,D.Surry,T.E.Base(Western Ontario) 3yr - 1st Inst.	29,000	06
Davies, J.A. Eng. Physics McMaster	* Principal inves'tigator J.A.Kuehner(McMaster)		22
Davis, W.A. Computer Science Alberta	* Principal investigator T.A.Marsland(Alberta) 3yr - 3rd Inst.		07
Davison, N.E. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Dawson, W.K. Physics Alberta	* Principal investigator G.C.Neilson(Alberta)		22
DeLaurier, J.D. Aerospace Studies Toronto	* Principal investigator G.W.Johnston(Toronto) 3yr - 3rd Inst.		13
Del Bianco, W. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)		22
De Leeuw, J.H. Aerospace Studies Toronto	Dynamic vacuum facilities * with J.B.French, A.A.Haasz,J.S.Hansen,P.C.Stangeby, R.C.Tennyson(Toronto) 3yr - 2nd Inst.	25,300	13
Demers, S. Physique Montréal	Observatoire astronomique du Mont Mégantic * avec G.Beaudet,G.Fontaine,G.U.Michaud, A.F.G.Moffat(Montréal),J.R.Roy,E.F.Borra, E.J.Hardy(Laval) 3ans - 2ième vers.	116,600	17
Depommier, P.H.M. Physique Montréal	Fonctionnement du Laboratoire de Physique Nucléaire * avec C.U.J.Brassard,W.Del Bianco, H.A.Jeremie,J.L'Ecuyer,L.Lessard,J.P.Martin, S.Monaro,P.Taras(Montréal)	600,000	22
Doehring, D.G. Medicine McGill	* Principal investigator A.S.Bregman(McGill) 3yr - 2nd Inst.		12
Dokainish, M.A. Chemical Eng. McMaster	* Principal investigator J.Tlusty(McMaster)		13
Donderi, D.C. Psychology McGill	* Principal investigator A.S.Bregman(McGill) 3yr - 2nd Inst.		12
Drake, T.E. Physics Toronto	* Principal investigator A.E.Litherland(Toronto)		22

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Drake, T.E. Physics Toronto	* Principal investigator J.A.Kuehner(McMaster)		22
Drouin, R. Chimie Laval	* Chercheur principal R.J.Slobodrian(Laval)		22
Drummond, J.R. Physics Toronto	* Principal investigator R.List(Toronto) 3yr - 2nd Inst.		17
Duckworth, H.E. Physics Winnipeg	* Principal investigator J.S.C.McKee(Manitoba)		22
Ellis, B.E. Chimie Guelph	* Principal investigator K.J.Kasha(Guelph)		03
ElMaraghy, H.A. Chemical Eng. McMaster	* Principal investigator J.Tlusty(McMaster)		13
Evans, H.C. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
Ewan, G.T. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
Falk, W.R. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Fernie, J.D. Astronomy Toronto	University of Toronto Telescope in Chile * with R.F.Garrison(Toronto)	100,000	17
Feuerstein, M. Psychology McGill	* Principal investigator A.S.Bregman(McGill) 3yr - 2nd Inst.		12
Fontaine, G. Physique Montréal	* Chercheur principal S.Demers(Montréal) 3ans - 2ième vers.		17
Fournier, A. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
French, J.B. Aerospace Studies Toronto	* Principal investigator J.H.De Leeuw(Toronto) 3yr - 2nd Inst.		13
Gardner, N.J. Civil Engineering Ottawa	Sand testing facility (sandbox) * with G.E.Bauer, A.P.S.Selvadurai(Carleton),T.I.Vladut(Ottawa) 3yr - 3rd Inst.	26,572	06

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Garrison, R.F. Astronomy Toronto	* Principal investigator J.D.Fernie(Toronto)		17
Gates, E.M. Mechanical Eng. Alberta	* Principal investigator R.R.Gilpin(Alberta) 3yr - 3rd Inst.		13
Gecsei, J. Infor. & rech opér. Montréal	* Chercheur principal G.V.Bochmann(Montréal)		07
Gélinas, L. Génie minéral Ecole Polytech.	* Chercheur principal C.Brooks(Montréal) 3ans - 1er vers.		10
George, J.C. Zoology Guelph	* Principal investigator R.L.Peterson(Guelph)		03
Gerard, R. Civil Engineering Alberta	* Principal investigator N.Rajaratnam(Alberta)		06
Gilpin, R.R. Mechanical Eng. Alberta	Ice-water tunnel * with K.C.Cheng. E.M.Gates(Alberta) 3yr - 3rd Inst.	10,870	13
Glass, I.I. Aerospace Studies Toronto	* Principal investigator G.W.Johnston(Toronto) 3yr - 3rd Inst.		13
Gottlieb, C.C. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Graham, G.S. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Gray, D.F. Astronomy Western Ontario	* Principal investigator W.H.Wehlau(Western Ontario) 3yr - 1st Inst.		17
Gregory, P.C. Physics British Columbia	* Principal investigator W.L.H.Shuter(B.C.) 3yr - 2nd Inst.		17
Haasz, A.A. Aerospace Studies Toronto	* Principal investigator J.H.De Leeuw(Toronto) 3yr - 2nd Inst.		13
Habib, E.E. Physics Windsor	* Principal investigator J.A.Kuehner(McMaster)		22
Hansen, J.S. Aerospace Studies Toronto	* Principal investigator J.H.De Leeuw(Toronto) 3yr - 2nd Inst.		13

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Hardy, E.J. Physique Laval	* Chercheur principal S.Demers(Montréal) 3ans - 2ième vers.		17
Henrikson, A. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
Hogan, J.J. Chemistry McGill	* Principal investigator J.K.P.Lee(McGill)		22
Holt, R.C. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Horton, R.F. Botany & Genetics Guelph	* Principal investigator K.J.Kasha(Guelph)		03
Hull, T.E. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Iribarne, J.V. Physics Toronto	* Principal investigator R.List(Toronto) 3yr - 2nd Inst.		17
Isyumov, N. Fac. of Eng. Sci. Western Ontario	* Principal investigator A.G.Davenport(Western Ontario) 3yr - 1st Inst.		06
Jackson, K.P. TRIUMF Simon Fraser	* Principal investigator R.G.Korteling(Simon Fraser) 3yr - 2nd Inst.		27
Jeremie, H.A. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)		22
Johnston, G.W. Aerospace Studies Toronto	Aeroacoustic laboratory facility * with I.I.Glass,W.G.Richarz,H.S.Ribner, J.D.DeLaurier(Toronto) 3yr - 3rd Inst.	21,740	13
Jones, G. Physics British Columbia	TRIUMF: UBC Research Scientists 3yr - 2nd Inst.	68,300	27
Joshi, V.M. Mathematics Western Ontario	* Principal investigator I.B.MacNeill(Western) 3yr - 2nd Inst.		14
Jovanovich, J.V. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Kalbfleisch, J.D. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Kamphuis, J.W. Civil Engineering Queen's	Data logging and steering facility - Personnel and supplies * with M.S.Yalin, A.Brebner (Queen's) 3yr - 3rd Inst.	14,494	06
Kao, K.C. Electrical Eng. Manitoba	* Principal investigator J.S.C.McKee (Manitoba)		22
Kasha, K.J. Crop Science Guelph	Operation of scanning UV microscope photometer system * with R.F.Horton, R.L.Peterson, B.E.Ellis, W.D.Beversdorf, D.T.Tomes (Guelph)	17,800	03
King, J.D. Physics Toronto	* Principal investigator J.A.Kuehner (McMaster)		22
King, J.D. Physics Toronto	* Principal investigator A.E.Litherland (Toronto)		22
Kitai, R. Elec. & Comp. Eng. McMaster	* Principal investigator J.Tlusty (McMaster)		13
Kitching, J.E. Physics McGill	* Principal investigator J.K.P.Lee (McGill)		22
Knystautas, E.J. Physique Laval	* Chercheur principal R.J.Slobodrian (Laval)		22
Konopasek, F. Physics Manitoba	* Principal investigator J.S.C.McKee (Manitoba)		22
Korteling, R.G. Chemistry Simon Fraser	* Principal investigator J.A.Kuehner (McMaster)		22
Korteling, R.G. Chemistry Simon Fraser	Senior research fellows for the SFU program at TRIUMF * with D.H.Boal, J.M.D'Auria, P.W.Percival, K.P.Jackson (Simon Fraser) 3yr - 2nd Inst.	34,150	27
Koval, J.J. Mathematics Western Ontario	* Principal investigator I.B.MacNeill (Western) 3yr - 2nd Inst.		14
Kronberg, P.P. Astronomy Toronto	* Principal investigator C.T.Bolton (Toronto) 3yr - 3rd Inst.		17
Kuehner, J.A. Physics McMaster	McMaster Accelerator Laboratory * with W.P.Alford (Western Ontario), D.G.Burke, J.A.Cameron, J.A.Davies, A.A.Pilt, R.G.Summers-Gill, D.A.Thompson, J.C.Waddington (McMaster), T.E.Drake, J.D.King (Toronto), E.E.Habib (Windsor), R.G.Korteling, D.E.Nelson (Simon-Fraser), J.J.Simpson (Guelph)	675,000	22

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Lague, P.C. Art vétérinaire Macdonald Coll.	* Chercheur principal D.M.Bird(Macdonald Coll.) 3ans - 2ième vers.		18
Landstreet, J.D. Astronomy Western Ontario	* Principal investigator W.H.Wehlau(Western Ontario) 3yr - 1st Inst.		17
Lawless, J.F. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14
L'Ecuyer, J. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)		22
Lee, E.S. Electrical Eng. Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Lee, J.K.P. Physics McGill	The McGill Synchrocyclotron Facility * with R.E.Bell,J.E.Crawford,J.J.Hogan,J.E.Kitching, S.K.Mark,R.B.Moore,Y.L.Yamamoto,L.Yaffe(McGill)	504,000	22
Leighton, H.G. Meteorology McGill	* Principal investigator G.L.Austin(McGill) 3yr - 2nd Inst.		17
Lenkinski, R. Chemistry Guelph	Southwestern Ontario NMR Center 3yr - 1st Inst.	30,000	05
Leslie, J.R. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
Lessard, L. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)		22
Lester, J.B. Astronomy Toronto	* Principal investigator C.T.Bolton(Toronto) 3yr - 3rd Inst.		17
List, R. Physics Toronto	Eclipse computer system (RJE terminal to NCAR CRAY 1) * with H.R.Cho,J.R.Drummond,J.V.Iribarne, W.R.Peltier(Toronto) 3yr - 2nd Inst.	39,600	17
Litherland, A.E. Physics Toronto	Nuclear physics research with JN-TRACE-DEC10 facilities * with R.E.Azuma,T.E.Drake, J.D.King(Toronto)	65,000	22
Lochovsky, F.H. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Ludden, J.N. Geology Montréal	* Principal investigator C.Brooks(Montréal) 3yr - 1st Inst.		10

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Lynn, D.H. Zoology Guelph	* Principal investigator R.L.Peterson(Guelph)		03
MacArthur, J.D. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
MacKay, R.U. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14
Macneill, I.B. Stat. & Actuar. Sc Western Ontario	Statistical Laboratory * with J.C.Baskerville, D.R.Bellhouse,L.K.Chan,U.J.Koval,A.I.McLeod, V.M.Joshi(Western) 3yr - 2nd Inst.	11,000	14
MacRae, D.A. Astronomy Toronto	* Principal investigator C.T.Bolton(Toronto) 3yr - 3rd Inst.		17
Mak, H.B. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
Mark, S.K. Physics McGill	* Principal investigator J.K.P.Lee(McGill)		22
Marshall, J.S. Meteorology McGill	* Principal investigator G.L.Austin(McGill) 3yr - 2nd Inst.		17
Marshall, W.U. Agric. Chem./Phys. Macdonald Coll.	* Principal investigator D.M.Bird(Macdonald Coll.) 3yr - 2nd Inst.		18
Marsland, T.A. Computer Science Alberta	Distributed computing facility * with W.A.Davis, L.K.Schubert,J.Tartar,C.T.Yu(Alberta) 3yr - 3rd Inst.	36,234	07
Martin, J.P. Physique Montréal	* Chercheur principal P.H.M.Depommier(Montréal)		22
Martin, P.G. Astronomy Toronto	* Principal investigator C.T.Bolton(Toronto) 3yr - 3rd Inst.		17
Mathews, T. Physics Calgary	* Principal investigator D.Venkatesan(Calgary) 3yr - 1st Inst.		17
Matthews, D.E. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14
McCutcheon, W.H. Physics British Columbia	* Principal investigator W.L.H.Shuter(B.C.) 3yr - 2nd Inst.		17

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
McDonald, W.J. Physics Alberta	* Principal investigator G.C.Neilson(Alberta)		22
McKee, J.S.C. Physics Manitoba	Application for a core grant to operate a major installation in nuclear physics University of Manitoba Spiral Ridge Cyclotron * with Barber, Billingham, Birchall, Brockman, Davison, Duckworth, Falk, Jovanovich, Kao, Konopasek, Oh, Pinsky, Samoiloff, Standing, Sutherland, Osborn, Svenne, Van Ders, Wilk(Man.)	515,000	22
McLatchie, W. Physics Queen's	Queen's University Van de Graaff Laboratory * with H.C.Evans, G.T.Ewan, A.Henrikson, J.R.Leslie, J.D.MacArthur, B.C.Robertson, B.W.Sargent, P.J.Scanlon, H.B.Mak(Queen's)	240,000	22
McLeod, A.I. Mathematics Western Ontario	* Principal investigator I.B.MacNeill(Western) 3yr - 2nd Inst.		14
Mendelson, M.J. Psychology McGill	* Principal investigator A.S.Bregman(McGill) 3yr - 2nd Inst.		12
Mendelson, A.D. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Michaud, G.J. Physique Montréal	* Chercheur principal S.Demers(Montréal) 3ans - 2ième vers.		17
Minder, C.E. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14
Moffat, A.F.G. Physique Montréal	* Chercheur principal S.Demers(Montréal) 3ans - 2ième vers.		17
Monaro, S. Physics Montréal	* Principal investigator P.H.M.Depommier(Montréal)		22
Moore, R.B. Physics McGill	* Principal investigator J.K.P.Lee(McGill)		22
Moorhead, J.M. Astronomy Western Ontario	* Principal investigator W.H.Wehlau(Western Ontario) 3yr - 1st Inst.		17
Morrison, J.A. Chemistry McMaster	Materials research facilities 3yr - 1st Inst.	85,000	21
Mylopoulos, J. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$ Committee
Nom Département Université	But de la subvention	Montant \$ Comité
Neilson, G.C. Physics Alberta	7 MeV van de Graaff Accelerator * with W.K.Dawson, W.C.Olsen, W.J.McDonald, D.M.Sheppard, J.T.Sample, J.M.Cameron (Alberta)	285,000 22
Nelson, D.E. Archaeology Simon Fraser	* Principal investigator J.A.Kuehner (McMaster)	22
Newcombe, W.R. Chemical Eng. McMaster	* Principal investigator J.Tlusty (McMaster)	13
Novak, M. Civil Engineering Western Ontario	* Principal investigator A.G.Davenport (Western Ontario) 3yr - 1st Inst.	06
Oh, S. Physics Manitoba	* Principal investigator J.S.C.McKee (Manitoba)	22
Olsen, W.C. Physics Alberta	* Principal investigator G.C.Neilson (Alberta)	22
Osborn, T.A. Physics Manitoba	* Principal investigator J.S.C.McKee (Manitoba)	22
Ostry, D.J. Psychology McGill	* Principal investigator A.S.Bregman (McGill) 3yr - 2nd Inst.	12
Peltier, W.R. Physics Toronto	* Principal investigator R.List (Toronto) 3yr - 2nd Inst.	17
Percival, P.W. Chemistry Simon Fraser	* Principal investigator R.G.Korteling (Simon Fraser) 3yr - 2nd Inst.	27
Percy, J.R. Astronomy Toronto	* Principal investigator C.T.Bolton (Toronto) 3yr - 3rd Inst.	17
Peterson, A.W. Civil Engineering Alberta	* Principal investigator N.Rajaratnam (Alberta)	06
Peterson, R.L. Botany & Genetics Guelph	* Principal investigator K.J.Kasha (Guelph)	03
Peterson, R.L. Botany & Genetics Guelph	Operation of a scanning electron microscope with energy dispersive X-ray facility * with R.C.Anderson, G.Barron, D.M.Britton, J.Canne, J.C.George, D.H.Lynn, U.Posluszny, P.T.K.Woo (Guelph)	16,800 03

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Pilt, A.A. Physics McMaster	* Principal investigator J.A.Kuehner(McMaster)		22
Pinsky, C. Pharm./Therapeutics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Posluszny, U. Botany & Genetics Guelph	* Principal investigator R.L.Peterson(Guelph)		03
Rajaratnam, N. Civil Engineering Alberta	Laser Doppler anemometer flow studies * with A.W.Peterson,R.Gerard(Alberta)	16,000	06
Rangacharyulu, C. Physics Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Ribner, H.S. Aerospace Studies Toronto	* Principal investigator G.W.Johnston(Toronto) 3yr - 3rd Inst.		13
Richarz, W.G. Aerospace Studies Toronto	* Principal investigator G.W.Johnston(Toronto) 3yr - 3rd Inst.		13
Robertson, B.C. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
Rogers, R.R. Meteorology McGill	* Principal investigator G.L.Austin(McGill) 3yr - 2nd Inst.		17
Roy, J.R. Physique Laval	* Chercheur principal S.Demers(Montréal) 3ans - 2ième vers.		17
Roy, R. Physique Laval	* Chercheur principal R.J.Slobodrian(Laval)		22
Samoiloff, M.R. Zoology Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Sample, J.T. TRIUMF Alberta	* Principal investigator G.C.Neilson(Alberta)		22
Sanderson, K.E. Biology Calgary	The maintenance of a Salmonella stock centre 3yr - 3rd Inst.	18,117	02
Sargent, B.W. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Scanlon, P.J. Physics Queen's	* Principal investigator W.McLatchie(Queen's)		22
Schubert, L.K. Computer Science Alberta	* Principal investigator T.A.Marsland(Alberta) 3yr - 3rd Inst.		07
Selvadurai, A.P.S. Civil Engineering Carleton	* Principal investigator N.J.Gardner(Ottawa) 3yr - 3rd Inst.		06
Sevcik, K.C. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Sheppard, D.M. Physics Alberta	* Principal investigator G.C.Neilson(Alberta)		22
Shin, Y.M. Physics Saskatchewan	Saskatchewan Electron Linear Accelerator Laboratory * with E.J.Ansaldo,J.C.Bergstrom, H.S.Caplan,C.Rangacharyulu,D.M.Skopik, E.L.Tomusiak,W.L.Waltz,R.J.Woods(Sask.)	569,000	22
Shuter, W.L.H. Physics British Columbia	UBC millimetre wave telescope * with W.H.McCutcheon,P.C.Gregory(B.C.) 3yr - 2nd Inst.	31,900	17
Siddall, J.N. Chemical Eng. McMaster	* Principal investigator J.Tlusty(McMaster)		13
Simpson, J.J. Physics Guelph	* Principal investigator J.A.Kuehner(McMaster)		22
Sinha, N.K. Electrical Eng. McMaster	* Principal investigator J.Tlusty(McMaster)		13
Skopik, D.M. Physics Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Slobodrian, R.J. Physique Laval	Laboratoire de l'accélérateur Van de Graaff de l'Université Laval * avec B.Cujec,R.Drouin, E.J.Knystautas,R.Roy,C.St-Pierre, I.M.Szoghy(Laval)	335,000	22
Smith, K.C. Electrical Eng. Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Sprott, D.A. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Standing, K.G. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Stangeby, P.C. Aerospace Studies Toronto	* Principal investigator J.H.De Leeuw(Toronto) 3yr - 2nd Inst.		13
Stansbury, E.J. Physics McGill	* Principal investigator G.L.Austin(McGill) 3yr - 2nd Inst.		17
St-Pierre, C. Physique Laval	* Chercheur principal R.J.Slobodrian(Laval)		22
Sullivan, P.A. Aerospace Studies Toronto	UTIAS 43 metre diameter air cushion vehicle test track 3yr - 3rd Inst.	22,948	13
Summers-Gill, R.G. Physics McMaster	* Principal investigator J.A.Keuhner(McMaster)		22
Surry, D. Fac. of Eng. Sci. Western Ontario	* Principal investigator A.G.Davenport(Western Ontario) 3yr - 1st Inst.		06
Sutherland, J.B. Radiology Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Svenne, J.P. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Szoghy, I.M. Physique Laval	* Chercheur principal R.J.Slobodrian(Laval)		22
Taras, P. Physics Montréal	* Principal investigator P.H.M.Depommier(Montréal)		22
Tartar, J. Computer Science Alberta	* Principal investigator T.A.Marsland(Alberta) 3yr - 3rd Inst.		07
Tennyson, R.C. Aerospace Studies Toronto	* Principal investigator J.H.De Leeuw(Toronto) 3yr - 2nd Inst.		13
Thalmann, D. Infor. & rech opér. Montréal	* Chercheur principal G.V.Bochmann(Montréal)		07
Thompson, D.A. Eng. Physics McMaster	* Principal investigator J.A.Keuhner(McMaster)		22

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Trusty, J. Chemical Eng. McMaster	Computer aided design and manufacturing laboratories * with M.A.Dokainish, H.ElMaraghy, R.Kitai, W.R.Newcombe, J.N.Siddall, N.K.Sinha(McMaster)	4,000	13
Tomes, D.T. Crop Science Guelph	* Principal investigator K.J.Kasha(Guelph)		03
Tomusiak, E.L. Physics Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Tsichritzis, D.D. Computer Science Toronto	Computer Systems Research Laboratory * with R.M.Baecker, P.I.P.Boulton, W.A.S.Buxton, H.D.J.Covvey, A.Fournier, C.C.Gotlieb, G.S.Graham, R.C.Holt, T.E.Hull, E.S.Lee, F.H.Lochoovsky, A.D.Mendelzon, J.Myloupoulos, K.C.Sevcik, K.C.Smith, J.K.Tsotsos, D.B.Wortman(Toronto)	61,950	07
Tsotsos, J.K. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Van Ders, W.T.H. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22
Venkatesan, D. Physics Calgary	Neutron monitor facility at Calgary * with T.Mathews(Calgary) 3yr - 1st Inst.	11,000	17
Vickery, B.J. Civil Engineering Western Ontario	* Principal investigator A.G.Davenport(Western Ontario) 3yr - 1st Inst.		06
Vladut, T.I. Civil Engineering Ottawa	* Principal investigator N.J.Gardner(Ottawa) 3yr - 3rd Inst.		06
Waddington, J.C. Physics McMaster	* Principal investigator J.A.Kuehner(McMaster)		22
Waltz, W.L. Chem & Chem Eng. Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Wehlau, A.F. Astronomy Western Ontario	* Principal investigator W.H.Wehlau(Western Ontario) 3yr - 1st Inst.		17
Wehlau, W.H. Astronomy Western Ontario	The University of Western Ontario Astronomical observatory * with D.F.Gray, J.D.Landstreet, J.M.Moorhead, A.F.Wehlau(Western Ontario) 3yr - 1st Inst.	16,000	17
Wilk, S.F.J. Physics Manitoba	* Principal investigator J.S.C.McKee(Manitoba)		22

3.2.1. Core Grants / Subventions d'infrastructure (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Woo, P.T.K. Zoology Guelph	* Principal investigator R.L.Peterson(Guelph)		03
Woods, R.J. Chem & Chem Eng. Saskatchewan	* Principal investigator Y.M.Shin(Sask.)		22
Wortman, D.B. Computer Science Toronto	* Principal investigator D.D.Tsichritzis(Toronto)		07
Yaffe, L. Chemistry McGill	* Principal investigator J.K.P.Lee(McGill)		22
Yalin, M.S. Civil Engineering Queen's	* Principal investigator J.W.Kamphuis(Queen's) 3yr - 3rd Inst.		06
Yamamoto, Y.L. Medicine McGill	* Principal investigator J.K.P.Lee(McGill)		22
Young, J.C. Statistics Waterloo	* Principal investigator G.W.Bennett(Waterloo) 3yr - 1st Inst.		14
Yu, C.T. Computer Science Alberta	* Principal investigator T.A.Marsland(Alberta) 3yr - 3rd Inst.		07

3.2.2. Special Core Grants/Subventions spéciales d'infrastructure

Name Department University	Purpose of Grant	Amount
		\$
Nom Département Université	But de la subvention	Montant
		\$
Boisvert, J. Génie nucléaire Ecole Polytechnique	L'installation "Slowpoke" de l'Ecole Polytechnique	47,500
Calvert, S.E. Oceanography British Columbia	An instalment in support of the operation of the Department of Oceanography	18,150
Ellis, D.V. Biology Victoria	Marine sciences service vessel "John Strickland"	60,000
Fournier, R.C. Oceanography Dalhousie	Aquatron Laboratory	105,000
Idler, D.R. Marine Sciences Research Laboratory Memorial	Marine Sciences Research Laboratory	247,500
Jervis, R.E. Chemical Engineering Toronto	Slowpoke reactor operation	47,500
Ryan, D.E. Trace Analysis Research Centre Dalhousie	Slowpoke reactor operation	47,500
Scott, W.B. Huntsman Marine Laboratory	Huntsman Marine Laboratory	150,000
Stephens-Newsham, L.G. Pharmacy Alberta	Slowpoke reactor operation	47,500
Thodes, H.G. Chemistry McMaster	To support the operation of the McMaster Nuclear Reactor	355,190
Webster, J.M. Biology Simon Fraser	Bamfield Marine Station	132,000

4. DEVELOPMENTAL GRANTS

4. SUBVENTIONS DE DEVELOPPEMENT

4.1. Research Development Grants / Subventions de développement de la recherche

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Bouchard, M. Géographie Qué-Montréal	* Chercheur principal J.Schroeder(Qué.-Montréal) (0709)	
Bourne, J.H. Sciences de la terre Qué-Montréal	* Chercheur principal M.Morency(Qué.-Montréal) (0711)	
Drweski, A. Chimie Qué-Montréal	* Chercheur principal Y.Pepin(Qué.-Montréal) (0712)	
Fournier, R.P. Qué-Montréal	Attachés de recherche du CRSNG	63.934
Kong, P.C. Chemistry Qué-Montréal	* Chercheur principal F.D.Rochon(Qué.-Montréal) (0706) 3yr - 1st Inst.	
Melanson, R. Chimie Qué-Montréal	* Chercheur principal F.D.Rochon(Qué.-Montréal) (0706) 3ans - 1er vers.	
Morency, M. Sciences de la terre Qué-Montréal	Détermination d'éléments traces dans les roches ultramafiques et leur mobilisation dans les roches métamorphiques par activation neutronique * avec J.H.Bourne(Qué.-Montréal) (0711)	36.000
Occhietti, S. Géographie Qué-Montréal	* Chercheur principal J.Schroeder(Qué.-Montréal) (0709)	
Pepin, Y. Chimie Qué-Montréal	Acquisition d'un appareil de résonance magnétique nucléaire pour le proton * avec D.Vocelle, A.Drweski, F.D.Rochon(Qué.-Montréal) (0712)	40.000
Rochon, F.D. Chimie Qué-Montréal	* Chercheur principal Y.Pepin(Qué.-Montréal) (0712)	
Rochon, F.D. Chimie Qué-Montréal	Synthèse et étude de complexes de platine * avec R.Melanson, P.C.Kong(Qué.-Montréal) (0706) 3ans - 1er vers.	18.000
Schroeder, J. Géographie Qué-Montréal	Etudes de Paléosurfaces centrées sur le Québec * avec M.Bouchard, S.Occhietti(Qué.-Montréal) (0709)	30.000
Vocelle, D. Chimie Qué-Montréal	* Chercheur principal Y.Pepin(Qué.-Montréal) (0712)	
Bouchard, M. Sc. appliquées Qué-Chicoutimi	* Chercheur principal R.T.Bui(Qué.-Chicoutimi) (0605)	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Brunelle, R. Sc. appliquées Qué-Chicoutimi	* Chercheur principal R.T.Bui(Qué.-Chicoutimi) (0605)	
Bui, R.T. Sc. appliquées Qué-Chicoutimi	Contrôle optimal des systèmes d'énergie (demande de supplément) * avec R.Brunelle,R.J.A.Chouinard, M.Bouchard,J.P.Paquet(Qué.-Chicoutimi) (0605)	17,000
Charette, A. Sc. appliquées Qué-Chicoutimi	* Chercheur principal P.Meubus(Qué.-Chicoutimi) (0602) 2ans - 1er vers.	
Chouinard, R.J.A. Sc. appliquées Qué-Chicoutimi	* Chercheur principal R.T.Bui(Qué.-Chicoutimi) (0605)	
Denomme, J.M. Qué-Chicoutimi	Attachés de recherche du CRSNG	15,543
Fortin, M.A. Sciences pures Qué-Chicoutimi	* Chercheur principal P.Meubus(Qué.-Chicoutimi) (0602) 2ans - 1er vers.	
Laforte, J.L. Sc. appliquées Qué-Chicoutimi	* Chercheur principal L.C.Phan(Qué.-Chicoutimi) (0606) 3ans - 1er vers.	
McComber, P. Sc. appliquées Qué-Chicoutimi	* Chercheur principal L.C.Phan(Qué.-Chicoutimi) (0606) 3ans - 1er vers.	
Meubus, P. Sc. appliquées Qué-Chicoutimi	Cinétiques de réactions en plasmas. Effets de rayonnement et effets catalytiques. Applications * avec A.Charette,M.A.Fortin,M.Paquet(Qué.- Chicoutimi) (0602) 2ans - 1er vers.	20,000
Paquet, J.P. Sc. appliquées Qué-Chicoutimi	* Chercheur principal R.T.Bui(Qué.-Chicoutimi) (0605)	
Paquet, M. Sc. appliquées Qué-Chicoutimi	* Chercheur principal P.Meubus(Qué.-Chicoutimi) (0602) 2ans - 1er vers.	
Phan, L.C. Sc. appliquées Qué-Chicoutimi	Recherche relative au givrage des lignes de transport d'énergie * avec J.L.Laforte, P.McComber(Qué.-Chicoutimi) (0606) 3ans - 1er vers.	37,800
Bose, T.K. Physique Qué.-Trois-Riv	Etudes diélectriques * avec J.M.R.St-Arnaud, L.M.Marchildon(Qué.-Trois-Rivières) (0906) 3ans - 1er vers.	22,500
Dion, J.L. Ingénierie Qué.-Trois-Riv	* Chercheur principal A.J.Lebianc(Qué.-Trois- Rivières) (0905) 2ans - 2ième vers.	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Gruda, J. Chimie - biologie Qué.-Trois-Riv	Bases biochimiques et ultrastructurales du mouvement cytoplasmique non-musculaire	25,000
Kadima-Nzuji, A. Ingénierie Qué.-Trois-Riv	* Chercheur principal A.J. Leblanc (Qué.-Trois-Rivières) (0905) 2ans - 2ième vers.	
Laurin, P. Qué.-Trois-Riv	Attachés de recherche du CRSNG	97,791
Leblanc, A.J. Ingénierie Qué.-Trois-Riv	Conception de méthodes et techniques d'exploration fonctionnelle du corps humain: méthodes non-invasives * avec J.L. Dion, A. Kadima-Nzuji, M. Roy (Qué.-Trois-Rivières) (0905) 2ans - 2ième vers.	25,000
Marchildon, L.M. Physique Qué.-Trois-Riv	* Chercheur principal T.K. Bose (Qué.-Trois-Rivières) (0906) 3ans - 1er vers.	
Roy, M. Sciences éducation Qué.-Trois-Riv	* Chercheur principal A.J. Leblanc (Qué.-Trois-Rivières) (0905) 2ans - 2ième vers.	
St-Arnaud, J.M.R. Physique Qué.-Trois-Riv	* Chercheur principal T.K. Bose (Qué.-Trois-Rivières) (0906) 3ans - 1er vers.	
Allard, M. Géographie Laval	Géomorphologie littorale et périglaciaire * avec J.C. Dionne, G. Tremblay (Laval) (0216) 2ans - 1er vers.	18,000
Amiot, J. Vivres Laval	* Chercheur principal R.E. Simard (Laval) (0225)	
Angers, R.H. Mines & métallurgie Laval	* Chercheur principal E. Ghali (Laval) (0218) 2ans - 2ième vers.	
Barbeau, C. Chimie Laval	* Chercheur principal J.C. Roy (Laval) (0221) 2ans - 1er vers.	
Beaudoin, M. Expl./util. des bois Laval	* Chercheur principal J. Tomlinson (Laval) (0202)	
Boisvert, L.M. Génie électrique Laval	* Chercheur principal P. Viarouge (Laval) (0227)	
Boudreau, A. Vivres Laval	* Chercheur principal R.E. Simard (Laval) (0225)	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Castaigne, F.C.E. Vivres Laval	* Chercheur principal R.E.Simard(Laval) (0225)	
Choplin, L. Génie chimique Laval	Rhéologie de la fermentation * avec A.LeDuy(Laval) (0226) 3ans - 1er vers.	36,000
Dandapani, B. Mining/Metallurgy Laval	* Chercheur principal E.Ghali(Laval) (0218) 2yr - 2nd Inst.	
Deshaies, Y. Nutrition Laval	Saturation des acides gras alimentaires et lipoprotéines du porc (0209)	10,000
Dickinson, E.J. Génie mécanique Laval	* Chercheur principal P.Viarouge(Laval) (0227)	
Dionne, J.C. Géographie Laval	* Chercheur principal M.Allard(Laval) (0216) 2ans - 1er vers.	
Dore, F.Y. Psychologie Laval	* Chercheur principal R.Rousseau(Laval) (0210) 3ans - 3ième vers.	
Doucet, J. Expl./util. des bois Laval	* Chercheur principal J.Tomlinson(Laval) (0202)	
Everett, J.C. Psychologie Laval	* Chercheur principal R.Rousseau(Laval) (0210) 3ans - 3ième vers.	
Faucher, G. Génie mécanique Laval	* Chercheur principal M.A.Paradis(Laval) (0207) 3ans - 1er vers.	
Fiset, M. Mines & métallurgie Laval	* Chercheur principal E.Ghali(Laval) (0218) 2ans - 2ième vers.	
Fleury, M. Education physique Laval	L'automatisation du geste (demande de supplément) * avec C.Bard,M.Fleury, P.Lacasse(Laval) (0212)	22,500
Fortin, Y. Expl./util. des bois Laval	* Chercheur principal J.Tomlinson(Laval) (0202)	
Gagnon, P. Géodésie/cartog. Laval	Développement du groupe de recherche en Géodésie * avec J.Jobin,J.G.LeLerc.R.N.Sanchez, J.C.Usandivaras(Laval) (0203)	16,800
Gerardin, H. Génie mécanique Laval	* Chercheur principal P.Viarouge(Laval) (0227)	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Ghali, E. Mines & métallurgie Laval	Electrochimie, Electrometallurgie et hydrometallurgie des semi-conducteurs * avec R.H.Angers, B.Dandapani, M.Fiset, F.Habashi(Laval) (0218) 2ans - 2ième vers.	25,000
Giroux, Y. Laval	Attachés de recherche du CRSNG	184,287
Goulet, M. Expl./util. des bois Laval	* Chercheur principal J.Tomlinson(Laval) (0202)	
Habashi, F. Mines & métallurgie Laval	* Chercheur principal E.Ghali(Laval) (0218) 2ans - 2ième vers.	
Hosli, J.P. Expl./util. des bois Laval	* Chercheur principal J.Tomlinson(Laval) (0202)	
Laforge, H. Psychologie Laval	* Chercheur principal R.Rousseau(Laval) (0210) 3ans - 3ième vers.	
LeDuy, A. Génie chimique Laval	* Chercheur principal L.Choplin(Laval) (0226) 3ans - 1er vers.	
Migneron, J.G. Ctr rech amé./dév. Laval	Développement des recherches en acoustique appliquée notamment en relation avec le contrôle du bruit urbain (0224)	10,000
Moreau, G. Biologie Laval	* Chercheur principal J.B.Serodes(Laval) (0222)	
Nguyen, V.D. Génie mécanique Laval	* Chercheur principal P.Viarouge(Laval) (0227)	
Paradis, M.A. Génie mécanique Laval	Systèmes de chauffage solaire et de récupération d'énergie * avec G.Faucher(Laval) (0207) 3ans - 1er vers.	20,000
Picard, G. Vivres Laval	* Chercheur principal R.E.Simard(Laval) (0225)	
Poliquin, J.M. Expl./util. des bois Laval	* Chercheur principal J.Tomlinson(Laval) (0202)	
Rousseau, R. Psychologie Laval	La nécessité de l'intervention du CRSNG dans la consolidation de l'infrastructure du Laboratoire de psychologie expérimentale * avec F.Y.Dore, J.C.Everett, G.Kirouac, H.Laforge, J.-Y.Lortie(Laval) (0210) 3ans - 3ième vers.	15,500

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Roy, J.C. Chimie Laval	Etude de la radioactivité dans les eaux et sédiments des cours d'eau du Québec * avec C.Barbeau,J.Turcotte(Laval) (0221) 2ans - 1er vers.	29,000
Serodes, J.B. Génie civil Laval	Impacts écologiques sur les écosystèmes aquatiques en milieu nordique * avec G.Moreau(Laval) (0222)	15,000
Simard, C. Vivres Laval	* Chercheur principal R.E.Simard(Laval) (0225)	
Simard, R.E. Vivres Laval	Propriétés physico-chimiques des viandes et poissons entreposés sous différentes atmosphères modifiées * avec J.Amiot,A.Boudreau, F.C.E.Castaigne,G.Picard,C.Simard(Laval) (0225)	35,000
Tomlinson, J. Expl./util. des bois Laval	Recherche en sciences et technologie du bois * avec J.Doucet,Y.Fortin,M.Goulet,J.M.Poliquin, J.P.Hosli,M.Beaudoin(Laval) (0202)	20,000
Tremblay, G. Géographie Laval	* Chercheur principal M.Allard(Laval) (0216) 2ans - 1er vers.	
Turcotte, J. Chimie Laval	* Chercheur principal J.C.Roy(Laval) (0221) 2ans - 1er vers.	
Viarouge, P. Génie électrique Laval	Conception et optimisation d'aérogénérateurs à vitesses variables, autonomes et non-autonomes, avec instrumentation associée * avec L.M.Boisvert,E.J.Dickinson,H.Gerardin, V.D.Nguyen(Laval) (0227)	15,000
Auclair, J.C. INRS - Eau Québec-INRS	* Chercheur principal P.G.C.Campbell(Qué.-INRS) (0504) 3yr - 2nd Inst.	
Campbell, P.G.C. INRS-Eau Québec-INRS	Développement d'un groupe de recherche sur la chimie et la biologie des eaux douces (métaux traces/précipitation acide) * avec J.C.Auclair, H.G.Jones,M.Ouellet,A.Tessier(Qué.-INRS) (0504) 3ans - 2ième vers.	25,000
Dodelet, J.P. INRS - Energie Québec-INRS	* Chercheur principal F.Rheault(Qué.-Varenes) (0505)	
Drapeau, G. INRS-Océanolog. Québec-INRS	Développement d'un programme de sédimentologie côtière à l'INRS-Océanologie * avec B.F.N.Long(Qué.-INRS) (0503) 2ans - 2ième vers.	25,000
Jean, B. INRS - Energie Québec-INRS	* Chercheur principal F.Rheault(Qué.-Varenes) (0505)	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Jones, H.G. INRS-Eau Québec-INRS	* Chercheur principal P.G.C.Campbell(Qué.-INRS) (0504) 3ans - 2ième vers.	
Long, B.F.N. INRS-Océanolog. Québec-INRS	* Chercheur principal G.Drapeau(Qué.-INRS) (0503) 2ans - 2ième vers.	
Martel, J.G. Québec-INRS	Attachés de recherche du CRSNG	27,530
Ouellet, M. INRS-Eau Québec-INRS	* Chercheur principal P.G.C.Campbell(Qué.-INRS) (0504) 3ans - 2ième vers.	
Rheault, F. INRS - Energie Québec-INRS	Groupe de recherche en énergie solaire * avec B.Jean,J.P.Dodelet(Qué.-Varenes) (0505)	20.000
Tessier, A. INRS-Eau Québec-INRS	* Chercheur principal P.G.C.Campbell(Qué.-INRS) (0504) 3ans - 2ième vers.	
Anctil, M. Sciences biolog. Montréal	* Chercheur principal R.Lallier(Montréal) (0317)	
Benoit, R.L. Chimie Montréal	* Chercheur principal J.Hubert(Montréal) (0302) 3ans - 2ième vers.	
Besner, M. Ctre de rech. ecol. Montréal	* Chercheur principal R.Lallier(Montréal) (0317)	
Famelart, M. Sciences biolog. Montréal	* Chercheur principal P.Neumann(Montréal) (0314) 3ans - 3ième vers.	
Gelinas, M.D. Nutrition Montréal	* Chercheur principal B.Tuchweber(Montréal) (0309)	
Harper, P.P. Sciences biolog. Montréal	Equipe intégrée en écologie des eaux douces * avec B.Pinel-Alloul,J.G.Pilon,E.N.Magnin, G.Pageau(Montréal) (0307) 3ans - 3ième vers.	5.000
Houde Nadeau, M. Nutrition Montréal	* Chercheur principal B.Tuchweber(Montréal) (0309)	
Hubert, J. Chimie Montréal	Groupe de recherche en chimie analytique * avec R.L.Benoit,M.Moisin(Montréal) (0302) 3ans - 2ième vers.	25,000
Lallier, R. Pathol./microbiol. Montréal	Effet de l'exercice natatoire sur la réponse physiologique du poisson * avec M.Anctil, M.Besner(Montréal) (0317)	30,000

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Magnin, E.N. Sciences biolog. Montréal	* Chercheur principal P.P.Harper(Montréal) (0307) 3ans - 3ième vers.	
Moisan, M. Physique Montréal	* Chercheur principal J.Hubert(Montréal) (0302) 3ans - 2ième vers.	
Morazain, R. Nutrition Montréal	* Chercheur principal B.Tuchweber(Montréal) (0309)	
Neumann, P. Sciences biolog. Montréal	Production de plantes à partir de culture de tissus in vitro: régis de culture, ontogénèse et morphogénèse des explantats * avec M.Famelart, J.Vieth(Montréal) (0314) 3ans - 3ième vers.	20,000
Pageau, G. Sciences biolog. Montréal	* Chercheur principal P.P.Harper(Montréal) (0307) 3ans - 3ième vers.	
Pilon, J.G. Sciences biolog. Montréal	* Chercheur principal P.P.Harper(Montréal) (0307) 3ans - 3ième vers.	
Pinel-Alloul, B.G. Sciences biolog. Montréal	* Chercheur principal P.P.Harper(Montréal) (0307) 3ans - 3ième vers.	
Srivastava, U.S. Nutrition Montréal	* Chercheur principal B.Tuchweber(Montréal) (0309)	
Tuchweber, B. Nutrition Montréal	Evolution structurale et fonctionnelle des divers tissus au cours de l'âge et en fonction de l'état nutritionnel * avec U.S.Srivastava, R.Morazain,M.Houde Nadeau,M.D.Gélinas(Montréal) (0309)	20,000
Vieth, J. Sciences biolog. Montréal	* Chercheur principal P.Neumann(Montréal) (0314) 3ans - 3ième vers.	
Wallot, J.P. Montréal	Attachés de recherche du CRSNG	181,145
Amram, M. Génie-physique Ecole Polytech.	* Chercheur principal G.L.Ostiguy(Ecole Polytech.) (0114) 2ans - 1er vers.	
Bertrand, M.M. Génie bio-méd. Ecole Polytech.	Traitement d'images biomédicales * avec P.A.Mathieu,G.Mailloux,R.M.Gulrajani(Ecole Polytech.) (0123) 2ans - 1er vers.	35,000
Blondeau, P. Génie électrique Ecole Polytech.	Gestion et stockage d'énergie * avec G.Roy(Ecole Polytech.) (0120)	15,000

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Briere, F. Génie civil Ecole Polytech.	* Chercheur principal R.Desjardins(Ecole Polytech.) (0124)	
Bures, J. Génie-physique Ecole Polytech.	Physique des fibres optiques et application aux communications optiques * avec J.Lapierre(Ecole Polytech.) (0115) 2ans - 1er vers.	25,000
Camarero, R. Mathématiques appl. Ecole Polytech.	Méthodes numériques en turbomachines * avec J.Godin,B.Couet(Ecole Polytech.) (0116)	10,000
Cohen, P.J. Génie électrique Ecole Polytech.	* Chercheur principal D.Haccoun(Ecole Polytech.) (0113) 2ans - 2ième vers.	
Conan, J. Génie électrique Ecole Polytech.	* Chercheur principal H.H.Hoang(Ecole Polytech.) (0118) 2ans - 1er vers.	
Corinthios, M.J. Génie électrique Ecole Polytech.	* Chercheur principal D.Haccoun(Ecole Polytech.) (0113) 2ans - 2ième vers.	
Couet, B. Mathématiques appl. Ecole Polytech.	* Chercheur principal R.Camarero(Ecole Polytech.) (0116)	
Desjardins, R. Génie civil Ecole Polytech.	Efficacité des dépôts de CaCO ₃ pour la protection des conduites d'alimentation en eau * avec D.L.Piron,F.Briere(Ecole Polytech.) (0124)	30,500
Dore, R. Ecole Polytech.	Attachés de recherche du CRSNG	8,100
Gill, D.E. Génie minéral Ecole Polytech.	* Chercheur principal J.Lafleur(Ecole Polytech.) (0104)	
Godin, J. Mécanique Ecole Polytech.	* Chercheur principal R.Camarero(Ecole Polytech.) (0116)	
Gulrajani, R.M. Génie bio-méd. Ecole Polytech.	* Chercheur principal M.M.Bertrand(Ecole Polytech.) (0123) 2ans - 1er vers.	
Haccoun, D. Génie électrique Ecole Polytech.	Traitement de signaux uni et bi-dimensionnels et applications aux télécommunications * avec P.J.Cohen,M.J.Corinthios(Ecole Polytech.) (0113) 2ans - 2ième vers.	37,000
Hoang, H.H. Génie électrique Ecole Polytech.	Conception des Réseaux assistée par ordinateur * avec J.Conan,R.Hurteau,M.P.Polis(Ecole Polytech.) (0118) 2ans - 1er vers.	20,000

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Hurteau, R. Génie électrique Ecole Polytech.	* Chercheur principal H.H.Hoang(Ecole Polytech.) (0118) 2ans - 1er vers.	
Ladanyi, B. Génie civil Ecole Polytech.	* Chercheur principal J.Lafleur(Ecole Polytech.) (0104)	
Lafleur, J. Génie civil Ecole Polytech.	Propriétés géotechniques des sols en relation avec les barrages en terre * avec D.E.Gill, B.Ladanyi,V.Silvestri,M.F.Soulie(Ecole Polytech.) (0104)	22,000
Lapierre, J. Génie-physique Ecole Polytech.	* Chercheur principal J.Bures(Ecole Polytech.) (0115) 2ans - 1er vers.	
Leclerc, G. Génie civil Ecole Polytech.	Gestion de la qualité des eaux souterraines * avec C.Marche(Ecole Polytech.) (0117) 2ans - 1er vers.	20,000
Mailloux, G. Génie bio-méd. Ecole Polytech.	* Chercheur principal M.M.Bertrand(Ecole Polytech.) (0123) 2ans - 1er vers.	
Marche, C. Génie civil Ecole Polytech.	* Chercheur principal G.Leclerc(Ecole Polytech.) (0117) 2ans - 1er vers.	
Mathieu, P.A. Génie bio-méd. Ecole Polytech.	* Chercheur principal M.M.Bertrand(Ecole Polytech.) (0123) 2ans - 1er vers.	
Nguyen, T.H. Génie civil Ecole Polytech.	* Chercheur principal L.Robillard(Ecole Polytech.) (0107) 2ans - 1er vers.	
Ostiguy, G.L. Génie mécanique Ecole Polytech.	Bruit et vibrations de machines et structures * avec J.Rousselet,M.Amram(Ecole Polytech.) (0114) 2ans - 1er vers.	25,000
Piron, D.L. Génie métall. Ecole Polytech.	* Chercheur principal R.Desjardins(Ecole Polytech.) (0124)	
Piamondon, R. Génie électrique Ecole Polytech.	* Chercheur principal P.N.Robillard(Ecole Polytech.) (0119)	
Polis, M.P. Génie électrique Ecole Polytech.	* Chercheur principal H.H.Hoang(Ecole Polytech.) (0118) 2ans - 1er vers.	
Robillard, L. Génie civil Ecole Polytech.	Rejets thermiques et autres mouvements de convection en conditions hivernales * avec P.Vasseur,T.H.Nguyen(Ecole Polytech.) (0107) 2ans - 1er vers.	20,000

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Robillard, P.N. Génie électrique Ecole Polytech.	Développement d'interfaces de communication homme-ordinateur * avec R.Plamondon(Ecole Polytech.) (0119)	23,000
Rousselet, J. Génie mécanique Ecole Polytech.	* Chercheur principal G.L.Ostiguy(Ecole Polytech.) (0114) 2ans - 1er vers.	
Roy, G. Génie électrique Ecole Polytech.	* Chercheur principal P.Blondeau(Ecole Polytech.) (0120)	
Silvestri, V. Génie civil Ecole Polytech.	* Chercheur principal J.Lafleur(Ecole Polytech.) (0104)	
Soulie, M.F. Génie civil Ecole Polytech.	* Chercheur principal J.Lafleur(Ecole Polytech.) (0104)	
Vasseur, P. Génie civil Ecole Polytech.	* Chercheur principal L.Robillard(Ecole Polytech.) (0107) 2ans - 1er vers.	
Berthiaume, L. Ctr. Rech.-Vitol. Québec-IAF	* Chercheur principal J.Robin(Sherbrooke) (1034)	
Pavilanis, V. Québec-IAF	Attachés de recherche du CRSNG	41,308
Berville, M. Physique Sherbrooke	* Chercheur principal L.G.Caron(Sherbrooke) (1023)	
Belley, J.M. Mathématiques Sherbrooke	* Chercheur principal J.Dubois(Sherbrooke) (1004) 2ans - 2ième vers.	
Boisvert, J.J. Géographie Sherbrooke	* Chercheur principal F.J.Bonn(Sherbrooke) (1030)	
Bonn, F.J. Géographie Sherbrooke	Télédétection et cartographie des processus côtiers et des tendances multi-scalaires d'évolution littorale dans le golfe du St- Laurent * avec J.M.M.Dubois, Q.H.J.Gwyn, B.E.Lauriol, J.J.Boisvert, J.Castonguay, R.Brochu(Sherbrooke) (1030)	50,000
Boulos, M.I. Génie chimique Sherbrooke	* Chercheur principal D.Gravelle(Sherbrooke) (1011) 2ans - 1er vers.	
Bourassa, P. Génie mécanique Sherbrooke	Mesures sur routes des forces et angles de dérive des pneus d'automobiles * avec M.Massoud, P.Vittecoq(Sherbrooke) (1029)	20,000

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Brochu, R. Géographie Sherbrooke	* Chercheur principal F.J.Bonn(Sherbrooke) (1030)	
Caille, A. Physique Sherbrooke	* Chercheur principal L.G.Caron(Sherbrooke) (1023)	
Caron, L.G. Physique Sherbrooke	Système graphique à haute résolution * avec A.Caille,M.Krell,M.Banville, J.Lefaivre(Sherbrooke) (1023)	37,000
Castonguay, J. Géographie Sherbrooke	* Chercheur principal F.J.Bonn(Sherbrooke) (1030)	
Constantin, J. Mathématiques Sherbrooke	* Chercheur principal B.Courteau(Sherbrooke) (1005)	
Courteau, B. Mathématiques Sherbrooke	Théorie des codes et combinatoire * avec J.Constantin,R.Fournier(Sherbrooke) (1005)	5,000
Denis, G. Sherbrooke	Attachés de recherche du CRSNG	230,710
Dubois, J. Mathématiques Sherbrooke	Quelques applications de l'analyse fonctionnelle à la probabilité * avec J.M.Belley,G.Fournier, P.A.Morales(Sherbrooke) (1004) 2ans - 2ième vers.	13,000
Dubois, J.M.M. Géographie Sherbrooke	* Chercheur principal F.J.Bonn(Sherbrooke) (1030)	
Fournier, G. Mathématiques Sherbrooke	* Chercheur principal J.Dubois(Sherbrooke) (1004) 2ans - 2ième vers.	
Fournier, R. Mathématiques Sherbrooke	* Chercheur principal B.Courteau(Sherbrooke) (1005)	
Gaudet, R. Math/informatiques Sherbrooke	* Chercheur principal J.G.Dion(Sherbrooke) (1021)	
Gravelle, D. Génie chimique Sherbrooke	Application des plasmas à la synthèse chimique * avec M.I.Boulos(Sherbrooke) (1011) 2ans - 1er vers.	10,000
Gwyn, O.H.J. Géographie Sherbrooke	* Chercheur principal F.J.Bonn(Sherbrooke) (1030)	
Jones, J.P. Génie chimique Sherbrooke	* Chercheur principal N.Therien(Sherbrooke) (1009)	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Krell, M. Physique Sherbrooke	* Chercheur principal L.G.Caron(Sherbrooke) (1023)	
Lauriol, B.E. Géographie Sherbrooke	* Chercheur principal F.J.Bonn(Sherbrooke) (1030)	
Lefaiivre, J. Physique Sherbrooke	* Chercheur principal L.G.Caron(Sherbrooke) (1023)	
Lord, A. Biologie Sherbrooke	"Turnover" des membranes de grains de zymogène du pancréas exocrine (1024) 2ans - 1er vers.	10,000
Massoud, M. Mechanical Eng. Sherbrooke	* Principal investigator P.Bourassa(Sherbrooke) (1029)	
Menard, H. Chimie Sherbrooke	Mise au point de techniques chromatographiques des goudrons (1016)	33,400
Morales, P.A. Mathématiques Sherbrooke	* Chercheur principal J.Dubois(Sherbrooke) (1004) 2ans - 2ième vers.	
Robin, J. Biologie Sherbrooke	Caractérisation physico-chimique des virus. Applications pratiques * avec L.Berthiaume(Qué.- IAF) (1034)	15,000
Rohan, K. Génie civil Sherbrooke	Laser-doppler anemometre (TSI) compléments pour 1 et 2 composantes de vitesse (1028) 2ans - 1er vers.	9,400
Schmit, J.P. Chimie Sherbrooke	Développement du laboratoire de recherche en spectrométrie de masse appliquée à la chimie bio- analytique (1017) 2ans - 1er vers.	15,000
Therrien, N. Génie chimique Sherbrooke	Traitement semi-continu et cyclique des eaux usées industrielles par le procédé de boues activées * avec J.P.Jones(Sherbrooke) (1009)	7,900
Vittecoq, P. Génie mécanique Sherbrooke	* Chercheur principal P.Bourassa(Sherbrooke) (1029)	
Allard, J. Math/physique Moncton	Théorie spectrale des séries chronologiques / Aide générale aux mathématiciens * avec B.de Dormale, R.Guinhur, R.P.LeBlanc, W.Patterson, T.Pham- Gia, F.Söler, B.Vanbrugghe, D.Violette, M.Wybouw(Moncton) (1605) 3ans - 1er vers.	4,000
Banerjee, R.L. Math/physique Moncton	* Chercheur principal F.E.Girouard(Moncton) (1606) 2ans - 1er vers.	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Bosi, G. Math/physique Moncton	* Chercheur principal F.E.Girouard(Moncton) (1606) 2ans - 1er vers.	
Crepault, J. Psychologie Moncton	* Chercheur principal W.S.O'Neill(Moncton) (1604)	
De Dormale, B. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Fraser, A.R. Chimie Moncton	* Chercheur principal M.C.Mehra(Moncton) (1603)	
Girouard, F.E. Math/physique Moncton	Propriétés de surface et de volume des solides * avec R.L.Banerjee,G.Bosi,R.J.LeBlanc,T.G.Richard, T.Vo-Van(Moncton) (1606) 2ans - 1er vers.	15,000
Guihur, R. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Jankowski, C.K. Chimie Moncton	* Chercheur principal M.C.Mehra(Moncton) (1603)	
Lapierre, L.E. Biologie Moncton	* Chercheur principal M.C.Mehra(Moncton) (1603)	
LeBlanc, P.L. Chimie Moncton	* Chercheur principal M.C.Mehra(Moncton) (1603)	
LeBlanc, R.J. Math/physique Moncton	* Chercheur principal F.E.Girouard(Moncton) (1606) 2ans - 1er vers.	
LeBlanc, R.P. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
LeBlanc, R.S. Psychologie Moncton	* Chercheur principal W.S.O'Neill(Moncton) (1604)	
Longval, J.R. Génie Moncton	* Chercheur principal N.K.Srivastava(Moncton) (1607) 3ans - 1er vers.	
Mallet, V.N. Chimie Moncton	* Chercheur principal M.C.Mehra(Moncton) (1603)	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Mehra, M.C. Chimie Moncton	L'évaluation et l'analyse des contaminants de l'environnement * avec A.R.Fraser, C.K.Jankowski, L.E.Lapierre, P.L.LeBlanc, V.N.Mallet, B.L.Trottier(Moncton) (1603)	28,000
Muise, G.J. Psychologie Moncton	* Chercheur principal W.S.O'Neill(Moncton) (1604)	
O'Neill, W.S. Psychologie Moncton	Etudes des structures et processus cognitifs * avec J.Crépault, R.S.LeBlanc, G.J.Muise(Moncton) (1604)	20,000
Patterson, W. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Pham-Gia, T. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Richard, T.G. Math/physique Moncton	* Chercheur principal F.E.Girouard(Moncton) (1606) 2ans - 1er vers.	
Soler, F. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Srivastava, N.K. Génie Moncton	Centre de soufflerie * avec J.-R.Longval, N.Turkkan, P.K.Varma(Moncton) (1607) 3ans - 1er vers.	26,500
Trottier, B.L. Chimie Moncton	* Chercheur principal M.C.Mehra(Moncton) (1603)	
Turkkan, N. Génie Moncton	* Chercheur principal N.K.Srivastava(Moncton) (1607) 3ans - 1er vers.	
Vanbrugghe, B. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Violette, D. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Vo-Van, T. Math/physique Moncton	* Chercheur principal F.E.Girouard(Moncton) (1606) 2ans - 1er vers.	
Wybouw, M.M. Math/physique Moncton	* Chercheur principal J.Allard(Moncton) (1605) 3ans - 1er vers.	
Barclay, L.R.C. Chemistry Mount Allison	Autoxidation of model and natural biomembranes (1211)	16,000

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Non Département Université	But de la subvention	Montant \$
Driedzic, W.R. Biology Mount Allison	* Principal investigator A.P.Farrell(Mt. Allison) (1203)	
Farrell, A.P. Biology Mount Allison	Aquatic facilities * with J.G.J.Godin, P.V.Mladenov, C.G.Paterson, W.R.Driedzic(Mt. Allison) (1203)	12,000
Fensom, D.S. Biology Mount Allison	Electrical measurements and translocation studies on plants and trees * with R.G.Thompson(Mt. Allison) (1202) 3yr - 3rd Inst.	8,000
Godin, J.G.J. Biology Mount Allison	* Principal investigator A.P.Farrell(Mt. Allison) (1203)	
Harpur, J.G.E. Psychology Mount Allison	* Principal investigator T.F.Storm(Mt. Allison) (1209)	
Lamble, R.W. Psychology Mount Allison	* Principal investigator T.F.Storm(Mt. Allison) (1209)	
Mladenov, P.V. Biology Mount Allison	* Principal investigator A.P.Farrell(Mt. Allison) (1203)	
Paterson, C.G. Biology Mount Allison	* Principal investigator A.P.Farrell(Mt. Allison) (1203)	
Reinsborough, V.C. Chemistry Mount Allison	Fast reaction kinetics in colloidal and micellar solutions (1207)	16,100
Storm, J.C. Psychology Mount Allison	* Principal investigator T.F.Storm(Mt. Allison) (1209)	
Storm, T.F. Psychology Mount Allison	Psychology Department submission: Mount Allison University * with J.C.Storm, R.W.Lamble, J.G.E.Harpur(Mt. Allison) (1209)	15,000
Thompson, R.G. Biology Mount Allison	* Principal investigator D.S.Fensom(Mt. Allison) (1202) 3yr - 3rd Inst.	
Varma, P.K. Engineering Mount Allison	* Principal investigator N.K.Srivastava(Moncton) (1607) 3yr - 1st Inst.	
Bishop, E.R. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Bradford, J.H. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia) (1111) 2yr - 1st Inst.	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Brehaut, W.M. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia) (1111) 2yr - 1st Inst.	
Cabilio, P. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Chipman, F.H. Mathematics Acadia	Research development - Acadia mathematics department * with E.R.Bishop,D.Schumacher, P.Cabilio,M.A.Taylor,J.E.McLelland,D.H.Tosh, M.D.Nutt,T.L.Pearson(Acadia) (1105) 2yr - 1st Inst.	2,500
Dick, A.J. Chemistry Acadia	HPLC of proteins and peptides (1103)	12,700
Giles, F.R. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia) (1111) 2yr - 1st Inst.	
Levin, M. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia) (1111) 2yr - 1st Inst.	
Matwin, S.J. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia) (1111) 2yr - 1st Inst.	
McLelland, J.E. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Nutt, M.D. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Pearson, T.L. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Pietrzykowski, T. Computer Science Acadia	The non-professional computer user's environment * with W.M.Brehaut,J.H.Bradford,F.R.Giles, M.Levin,M.Marshall,S.J.Matwin,I.Tomek(Acadia), I.Hansen(Edinburgh),G.R.Marshall(Individual Planned Programs & Systems Co.-Colorado) (1111) 2yr - 1st Inst.	20,000
Schumacher, D. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Taylor, M.A. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Tomek, I. Computer Science Acadia	* Principal investigator T.Pietrzykowski(Acadia) (1111) 2yr - 1st Inst.	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Tosh, D.H. Mathematics Acadia	* Principal investigator F.H.Chipman(Acadia) (1105) 2yr - 1st Inst.	
Al Taweel, A.M. Chemical Eng. Tech Univ N.S.	* Principal investigator G.D.M.MacKay(TUNS) (1903) 3yr - 1st Inst.	
Burney, J.R. Bio-Res. Eng. Tech Univ N.S.	* Principal investigator D.H.Waller(T.U.N.S.) (1904) 3yr - 1st Inst.	
Chen, B.H. Chemical Eng. Tech Univ N.S.	* Principal investigator G.D.M.MacKay(TUNS) (1903) 3yr - 1st Inst.	
Fam, W.Z. Electrical Eng. Tech Univ N.S.	* Principal investigator G.D.M.MacKay (TUNS) (1903) 3yr - 1st Inst.	
Hancock, H.A. Mining/Metallurgy Tech Univ N.S.	* Principal investigator G.D.M.MacKay(TUNS)(1903) 3yr - 1st Inst.	
MacKay, G.D.M. Engineering Tech Univ N.S.	Coal utilization * with A.M.AlTaweel, B.H.Chen, W.Z.Fam, H.A.Hancock, S.N.Sarwal (TUNS) (1903) 3yr - 1st Inst.	90,000
Sarwal, S.N. Applied Math. Tech Univ N.S.	* Principal investigator G.D.M.MacKay(TUNS) (1903) 3yr - 1st Inst.	
Thirumurthi, D. Civil Engineering Tech Univ N.S.	* Principal investigator D.H.Waller(T.U.N.S.) (1904) 3yr - 1st Inst.	
Waller, D.H. Civil Engineering Tech Univ N.S.	Lake response to urban storm water quantity and quality * with D.Thirumurthi, J.R.Burney(T.U.N.S.) (1904) 3yr - 1st Inst.	50,000
Grundke, E.W. Physics St. F. Xavier	* Principal investigator D.A.H.Pink(St. F. Xavier) (1403) 3yr - 1st Inst.	
Hunter, D.L. Physics St. F. Xavier	* Principal investigator D.A.H.Pink(St. F. Xavier) (1403) 3yr - 1st Inst.	
Joshi, Y.N. Physics St. F. Xavier	* Principal investigator D.A.H.Pink(St. F. Xavier) (1403) 3yr - 1st Inst.	
Newsome, G.E. Biology St. F. Xavier	* Principal investigator M.Weisbart(St. F. Xavier) (1405) 2yr - 1st Inst.	

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Pink, D.A.H. Physics St. F. Xavier	Physics research: Condensed matter studies; Atomic & molecular studies * with E.W.Grundke, D.L.Hunter,Y.N.Joshi,M.O.Steinitz, A.Weingartshofer(St. F. Xavier) (1403) 3yr - 1st Inst.	49,000
Seymour, N.R. Biology St. F. Xavier	* Principal investigator M.Weisbart(St. F. Xavier) (1405) 2yr - 1st Inst.	
Steinitz, M.O. Physics St. F. Xavier	* Principal investigator D.A.H.Pink(St. F. Xavier) (1403) 3yr - 1st Inst.	
Weingartshofer, A. Physics St. F. Xavier	* Principal investigator D.A.H.Pink(St. F. Xavier) (1403) 3yr - 1st Inst.	
Weisbart, M. Biology St. F. Xavier	Biological studies of Salmonid fishes * with G.E.Newsome,N.R.Seymour(St. F. Xavier) (1405) 2yr - 1st Inst.	38,800
Catano, V.M. Psychology Saint Mary's	Toward a theory of casual inference: An analysis of complex stimuli, channel activation and inferential processes * with K.A.Hill,W.J.Jacobs, R.J.Konopasky,P.A.Street(St. Mary's) (1505)	15,000
Hill, K.A. Psychology Saint Mary's	* Principal investigator V.M.Catano(St. Mary's) (1505)	
Jacobs, W.J. Psychology Saint Mary's	* Principal investigator V.M.Catano(St. Mary's) (1505)	
Konopasky, R.J. Psychology Saint Mary's	* Principal investigator V.M.Catano(St. Mary's) (1505)	
Street, P.A. Psychology Saint Mary's	* Principal investigator V.M.Catano(St. Mary's) (1505)	
Vaughan, K. Chemistry Saint Mary's	Bio-organic studies of potential anti-tumor agents and xenobiotic molecules (1504) 2yr - 1st Inst.	16,000
Cheverie, J.C. Biology P.E.I.	* Principal investigator C.E.Johnston(UPEI) 1703)	
Hanic, L.A. Biology P.E.I.	* Principal investigator C.E.Johnston(UPEI) (1703)	
Johnston, C.E. Biology P.E.I.	Aquatic unit for research in the marine sciences * with L.Hanic,J.C.Cheverie and J.Rigney(UPEI) (1703)	25,000

4.1. Research Development Grants / Subventions de développement de la recherche
(continued / suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Rigney, J.A. Chemistry P.E.I.	* Principal investigator C.E. Johnston(UPEI) (1703)	

4.2. Assistance to Small Universities/Aide aux petites universités

University	Amount \$
Université	Montant \$
Acadia	14,000
Bishop's	500
Brandon	2,500
Lakehead	21,500
Laurentian	12,500
Lethbridge	6,000
Moncton	12,000
Mount Allison	7,000
Prince Edward Island	3,000
Regina	18,000
St. Francis Xavier	14,000
Trent	9,000

N.B.: The Isolation grants were awarded to the Presidents of small, isolated universities identified as being of low research intensity. The universities shown above were considered eligible under these criteria. Their Isolation grants were released on September 8th, 1981.

Les primes d'éloignement sont accordées aux recteurs des petites universités isolées où il s'effectue peu de recherche. Les universités présentées ici répondaient à ces critères. Les primes d'éloignement leur ont été accordées le 8 septembre 1981.

4.3. Forestry Research Grants/Subventions de recherche en foresterie

Name Department/Faculty University	Purpose of Grant	Amount \$
Nom Département/Faculté Université	But de la subvention	Montant \$
Beck, J. Forest Science Alberta	In support of the salary of Dr. D.R. Govindaraju, postdoctoral assistant in forestry	17,550
Bernier, B. Faculté de foresterie et de géodésie Laval	Afin de contribuer au salaire de M.M. Beaudoin de votre faculté de foresterie et de géodésie	280
Dancik, B.P. Forestry Science Alberta	In support of the salary of J.N. King, Dept. of Forestry Science	17,770
Dancik, B.P. Forestry Science Alberta	In support of the salary of Dr. L.Z. Florence, Dept. of Forest Science	16,380
Dickson, A. Forest Res. New Brunswick	In support of the salary of M.T. Dumas, postdoctoral assistant in Forestry	15,810
Gardner, J.A.F. Fac. of Forestry British Columbia	In support of the salary of Y.A. El-Kasaby, postdoctoral assistant in the Faculty of Forestry	16,380
Gardner, J.A.F. Fac. of Forestry British Columbia	In support of the salary of Dr. N. Angerilli, postdoctoral assistant in the Faculty of Forestry	16,380
Gardner, J.A.F. Fac. of Forestry British Columbia	In support of the salary of Dr. J.L. Crane, postdoctoral assistant in the Faculty of Forestry	16,190
Gardner, J.A.F. Fac. of Forestry British Columbia	In support of the salary of Dr. S.A.Y. Omule, postdoctoral assistant in the Faculty of Forestry	16,380
Love, D.V. Fac. of Forestry Toronto	In support of the salary of Dr. S. Spires, postdoctoral assistant in forestry	16,000

4.3. Forestry Research Grants/Subventions de recherche en foresterie
(continued/suite)

Name Department/Faculty University	Purpose of Grant	Amount \$
Nom Département/Faculté Université	But de la subvention	Montant \$
Love, D.V. Fac. of Forestry Toronto	In support of the salary of Dr. H. Hase, postdoctoral assistant in Forestry	16,000
Micko, M. Agriculture Alberta	In support of the salary of Dr. I-Chen Wang, Dept. of Agricultural Engineering	15,430
Nordin, V.J. Fac. of Forestry Toronto	In support of the salary of postdoctoral assistant R.L. Gambles, Faculty of Forestry	490
Nordin, V.J. Fac. of Forestry Toronto	In support of the salary of Dr. R.A. Sadiz, postdoctoral assistant, Faculty of Forestry	15,430
Nordin, V.J. Fac. of Forestry Toronto	In support of the salary of Dr. J.O. Hyun, postdoctoral assistant, Faculty of Forestry	16,380
Nordin, V.J. Fac. of Forestry Toronto	In support of the salary of Dr. R.E. Wetzler, postdoctoral assistant, Faculty of Forestry	17,940
Rothwell, R.L. Fac. of Forest Sc. Alberta	In support of the salary of Dr. D.G. Walker, Dept. of Forest Science	560
Smith V.G. Fac. of Forestry Toronto	In support of the salary of Dr. G.K. Singh	17,680

5. GENERAL RESEARCH SUPPORT

5. AIDE GENERALE A LA RECHERCHE

5.1. General Research Grants/Subventions générales de recherche

University	Amount \$
Université	Montant \$
Acadia	34,958
Alberta	384,534
Bishops	26,000
Brandon	27,560
British Columbia	551,854
Brock	51,885
Calgary	231,927
Carleton	162,394
Concordia	107,828
Dalhousie	184,219
Ecole Polytechnique	124,252
Guelph	314,487
Lakehead	49,277
Laurentian	39,247
Laval	178,426
Lethbridge	35,213
Manitoba	242,328
McGill	365,667
McMaster	343,501
Memorial	151,496
Moncton	33,931
Montréal	194,726
Mount Allison	34,005

N.B.: The general research grant is awarded to the president of the university

La subvention générale de recherche est octroyée au recteur de l'université

5.1. General Research Grants/Subventions générales de recherche
(continued/suite)

University	Amount \$
Université	Montant \$
Mount St. Vincent	27,369
New Brunswick	118,978
Tech. Univ. of Nova Scotia	63,369
Ottawa	163,530
Prince Edward Island	28,539
Québec	157,297
Queen's	202,932
Regina	50,222
St. Francis Xavier	40,332
St. Mary's	33,071
Saint Thomas	26,000
Saskatchewan	211,234
Sherbrooke	95,063
Simon Fraser	133,323
Toronto	708,007
Trent	35,580
Victoria	94,636
Waterloo	375,224
Western Ontario	242,498
Wilfrid Laurier	31,636
Windsor	105,803
Winnipeg	34,427
York	159,583

N.B.: The general research grant is awarded to the president of the university

La subvention générale de recherche est octroyée au recteur de l'université

5.2. Scientific Publication Grants/Subventions à des publications scientifiques

Name of Publication	Amount \$
Nom de la publication	Montant \$
Canadian Journal of Soil Science	6,000
Arctic	14,000
Journal of the Royal Astronomical Society	8,000
Revue canadienne de biologie	10,000
Canadian Journal of Animal Science	19,000
Canadian Journal of Plant Science	24,000
Canadian Journal of Genetics and Cytology	18,000
Le Naturaliste canadien	14,500
Canadian Entomologist	27,000
Canadian Journal of Plant Pathology	7,000
Canadian Mineralogist	10,000
Maritime Sediments	4,000
The Canadian Surveyor	9,000
The Journal of Microwave Power	8,000
Canadian Aeronautics and Space Journal	12,000
Canadian Agricultural Engineering	5,000
Canadian Electrical Engineering Journal	11,000
Canadian Journal of Chemical Engineering	52,000
Transactions of the Canadian Society for Mechanical Engineering	11,000
The Canadian Geographer	3,500
Géographie physique et quaternaire	11,500
Cartographica	11,000
Canadian Journal of Mathematics	59,000
Canadian Mathematical Bulletin	30,000
Utilitas Mathematica	5,000
Les Annales des sciences mathématiques du Québec	3,000
Canadian Journal of Statistics	13,000
Canadian Journal of Comparative Medicine	3,250

5.2. Scientific Publication Grants/Subventions à des publications scientifiques
(continued/suite)

Name of Publication	Amount \$
Nom de la publication	Montant \$
Clinical Biochemistry	8,000
Canadian Journal of Psychology	10,000
Canadian Journal of Spectroscopy	14,000
Proceedings of the Nova Scotian Institute of Science	4,500
Atmosphere - Ocean	4,200
INFOR	12,000
Water Pollution Research in Canada	4,000
Geoscience Canada	14,500
Eau du Québec	9,000
Québec Science	35,000
Journal of the Canadian Ceramic Society	1,500
Special Paper 24, Geological Association of Canada	7,000
Etude écologique et photo-interpretation des forêts du Temiscamingue	6,500
Canadian Psychology	3,000

5.3. Conference Grants/Subventions pour conférences

Name of Conference	Amount \$
Nom de la conférence	Montant \$
Second World Congress of Chemical Engineering Montreal - October 1981	26,537
STATE-OF-THE-ART - Study on Steel Industry Sensors and CSIRA Workshop	19,700
Mathematical Statistics - Annual Seminar Université de Montréal - Summer 1981	19,000
Conference on Relativistic Heavy Ion Physics up to 1000 MEV/u Lake Louise - February 1982	13,000
CANCAM -81 (Congrès canadien de mécanique appliquée) Université de Moncton - juin 1981	10,385
28th Congress of the International Union of Pure and Applied Chemistry (IUPAC) Vancouver - August 1981	10,000
74th Annual Meeting of American Society of Animal Science University of Quelfh - August 1982	10,000
21st General Assembly of the International Association of Seismology and Physics of the Earth's Interior London, ON - 1981	9,375
Colloque international sur les stratégies de conservation de l'eau (patronné par l'Unesco) Université Laval - juin 1981	9,350
Congrès international sur la limite des forêts Québec Nordique Poste-de-la-Baleine, PQ - juin et juillet 1981	9,200
10e Conférence internationale sur les processus stochastiques et leurs applications Université de Montréal - août 1981	8,439
Symposium on Ordered Sets (A Summer Research Institute of the Canadian Mathematical Society) Banff - August and September 1981	8,000
Fifth international Conference on Laser Spectroscopy (Vicolis) Jasper Park Lodge, AB - June and July 1981	8,000
Relativistic Effects in Atoms, Molecules and Solids Vancouver - August 1981	7,700
Canadian Conference in Applied Statistics Concordia University - April and May 1981	7,000
10th International Conference on Organometallic Chemistry Toronto - August 1981	7,000
Symposium on Statistical Inference and Application - in honour of G.A. Barnard on the occasion of his 65th birthday University of Waterloo - August 1981	7,000
Canadian Mathematical Society Semi-Annual Summer Meeting Dalhousie University - May 1981	6,800
The Evolution of the Eukaryotic Genome and its components Dalhousie University - July 1981	6,200

5.3. Conference Grants/Subventions pour conférences
(continued/suite)

Name of Conference	Amount \$
Nom de la conférence	Montant \$
Canadian Mathematical Society - Annual Winter Meeting Victoria - December 1981	6,000
Séminaire de Mathématiques Supérieures, 20e Session: Théorie des fonctions constructive et géométrique Université de Montréal - 1981	6,000
Journée de l'Optimisation Université du Québec à Montréal - mai 1981	6,000
VIII International Symposium on Transportation and Traffic Theory University of Toronto - June 1981	6,000
Banff Summer Institute on Particles and Fields 1981 Banff Centre, Banff, AB - August 1981	6,000
Current Trends and Developments in Topology London, ON - June and July 1981	6,000
Sixième Conférence Internationale sur le Génie Maritime dans l'arctique (POAC) 81 et Symposium International sur la Glace (AIRH) Québec - juillet 1981	6,000
Global stratotype for the base of the Silurian system and for the Lower Silurian Series Anticosti Island and Gaspé - July and August 1981	5,600
Utilization of the Renewable Resources of the Circumpolar North Banff Centre - May 1981	5,000
9th Canadian Symposium on Operators and Operator Algebras University of Waterloo - May 1981	5,000
Field Symposium on Glacial Limits and Weathering Zones in Eastern Canada Mont St. Pierre, Gaspésie, PQ - August 1981	4,500
Second International Symposium on Inertial Technology for Surveying and Geodesy Banff - June 1981	4,500
International Symposium on Spin Trapping and Nitroxyl Radical Chemistry University of Guelph - July 1981	4,000
Auditory Development in Infancy University of Toronto - June 1981	3,865
International Symposium on Real-Time Operation of Hydrosystems University of Waterloo - June 1981	3,762
Coordination Chemistry Environment of Proteins and Enzymes Edmonton - August and September 1981	3,700
Symposium on Scientific Studies on Hudson/James Bay University of Guelph - April 1981	3,386

5.3. Conference Grants/Subventions pour conférences
(continued/suite)

Name of Conference	Amount \$
Nom de la conférence	Montant \$
Canadian Society of Zoology Annual Meeting University of Waterloo - May 1981	3,000
Canadian Association of Sports Sciences (Annual Meeting) Halifax - November 1981	3,000
Annual Meeting of Foster Ontario Don Mills, ON - November 1981	3,000
Representation Theory and Shimura Varieties Vancouver - August 1981	3,000
15th International Symposium on Free Radicals Keltic Lodge, Ingonish, NS - June 1981	3,000
Statistical Society of Canada 1981 Annual Meeting Dalhousie University - May 1981	2,530
Conference on Numerical Mathematics and Computing University of Manitoba - October 1981	2,500
7th Biennial Conference of the Canadian Man-Computer Communications Society University of Waterloo - June 1981	2,500
Congrès national annuel SESCI-Montréal 1981 sur l'énergie solaire Université du Québec à Montréal - août 1981	2,500
Annual Meeting - Symposium on Mathematical Modelling of Natural Resource Systems Montreal - May 1981	2,183
American Ornithologist's Union (Annual Meeting) University of Alberta - August 1981	2,000
CBA-ABC 81 - Annual Meeting of the Canadian Botanical Association University of Guelph - June 1981	2,000
The Eighth North American Rhizobium Conference University of Manitoba - August 1981	2,000
Canadian Society of Plant Physiologists University of Laval - June 1981	2,000
Atelier sur la biologie et la chimie des sédiments marins Rimouski, PQ - mai 1981	2,000
Ecole d'été sur la Physique de l'état amorphe (métaux et semi-conducteurs) Université de Montréal - mai et juin 1981	2,000
International Conference on Positron Scattering and Annihilation in Gases York University - July 1981	2,000

5.3. Conference Grants/Subventions pour conférences
(continued/suite)

Name of Conference	Amount \$
Nom de la conférence	Montant \$
6ième Congrès International de spectroscopie de faisceaux d'ions rapides Université Laval - août 1981	1,500
Computerfest 81 Waterloo, ON - June 1981	1,240
34th Canadian Geotechnical Conference Fredericton - September 1981	1,025
Community Structure of Sedentary Symbiotic Systems "Edelweiss", Cantley, PQ - May 1981	1,000
17th Canadian Undergraduate Physics Conference Kingston, ON	600

5.4. General Promotion and Miscellaneous Grants/Subventions à des activités spéciales et subventions diverses

Title of Grant	Amount \$
Titre de la subvention	Montant \$
General Promotion Grants/Subventions à des activités spéciales	
Association Canadienne-Française pour l'avancement des Sciences (ACFAS)	28,000
Canadian Council on Animal Care	172,350
Canadian Science Writers Association	10,000
Conseil de développement du loisir scientifique	10,000
Hebdo Science	15,000
La semaine des Sciences	5,000
Mouvement Canadien de la Responsabilité Scientifique	5,000
New Data Enterprises Ltd. (D. Suzuki)	48,500
Organization of a NATO Advanced Study Institute on Ion - Ion and Electron - Ion Collisions	10,000
Royal Society of Canada	48,500
Science and Engineering Week 1981	25,000
SCITEC	43,000
Youth Science Foundation	46,000
Miscellaneous Grants/Subventions diverses	
1981 Steacie Prize	2,000
Canadian Association of Graduate Schools	2,000
Special Research Grant: Program for the acquisition and interpretation of data from Optical Imagers in the 1515-2 and Synomics Explorer Satellites	20,000
Special Grant: Air Fare - M. Diederichs To attend a Youth Science Symposium and Nobel Awards Ceremonies - Stockholm December 1981	890
Special Grant: Air Fare - T. Prior To attend a Youth Science Symposium and Nobel Awards Ceremonies - Stockholm December 1981	1,436

5.5. International Programs/Programmes internationaux

5.5.1. Scientific Exchange Programs/Programmes d'échanges de scientifiques

5.5.1.1. Visits to Canada: Brazil/Visites au Canada: Brésil

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Amaral, L.Q. Instituto de Fisica Sao Paulo	To visit: 1) Division of Biological Sciences, National Research Council 2) Attendance at the XIIth International Congress and General Assembly of the International Union of Crystallography (August-September 1981)	Physics	875
DeAlencastro, R.E. Instituto de Quimica Rio de Janeiro	To visit 1) Département de chimie, Université de Montréal (March-June 1981)	Molecular Spectroscopy	3,600
DeAraujo, H.C. Quimica Brasilia	To visit: Division of Chemistry, NRC (May 1980-June 1981)	Chemistry	2,400
DeMello, P.C. Quimica Rio de Janeiro	To visit: 1) Dept. of Chemistry, University of Guelph (February-May 1981 & February-April 1982)	Chemistry	3,635
DeOliveira, E.C. Instituto de Biociencias Sao Paulo	To visit: 1) Atlantic Research Laboratory, NRC (January-December 1982)	Botany	4,800
Katyar, R.S. Fisica Campinas	To visit: 1) Division of Physics, NRC (April 1981-April 1982)	Spectroscopy	15,157
Leonardos, O.H. Geociencias Brasilia	To visit: 1) Dept. of Geology, University of Western Ontario (January-June 1981)	Geology	1,800
Matsumura-Tundisi, T. Ciencias Biologicas Sao Carlos	To visit: 1) Dept. of Biology, University of Waterloo 2) National Museum of Natural Sciences (October 1981-January 1982)	Biology	3,600
Nascimento, M.A.C. Quimica Rio de Janeiro	To visit: 1) Dép. de chimie, Université de Montréal (August 1981)	Chemistry	1,200
Rocha, R.C. Fisica e Quimica Sao Carlos	To visit: 1) Dept. of Chemistry University of Guelph (January-March 1982)	Chemistry	3,600

5.5.1.2. Visits to Canada: Bulgaria/Visites au Canada: Bulgarie

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la Subvention	Domaine de Recherche	Montant \$
Atanassov, A.I. Institute of Genetics Bulgarian Academy of Sciences	To visit: 1) Research Branch, Agriculture Canada, Ottawa (October 1981-March 1982)	Genetics	6,770
Tomov, I.V. Physics Sofia	To visit: 1) Dept. of Electrical Engineering, University of Alberta (September 1981- March 1982)	Electrical Engineering	6,857
Spirov, I.G. Institute of Metal Science & Technology Bulgarian Academy of Sciences	To visit: 1) Dept. of Mechanical Engineering, University of Waterloo (March-May 1982)	Mechanical Engineering	1,220

5.5.1.3. Visits to Canada: Czechoslovakia/Visites au Canada: Tchécoslovaquie

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Bursa, M. Institute of Astronomy Czech Academy of Sciences	To visit: 1) Attendance XXIV COSPAR Conference (May-June 1982)	Astronomy	115
Cermak, V. Geophysical Institute Czech Academy of Sciences	To visit: 1) Earth Physics Branch, Energy, Mines & Resources 2) Dept. of Geophysics, University of Western Ontario 3) Attend 21st General Assembly of the International Association of Seismology and Physics of the Interior, London (July-August 1981)	Geophysics	965
Jira, J. Institute of Theoretical and Applied Mechanics Czech Academy of Sciences	To visit: 1) Dept. of Civil Engineering, University of Toronto 2) Dept. of Civil Engineering and Engineering Mechanics, McMaster University 3) Dept. of Civil Engineering, University of Windsor, 4) Dept. of Civil Engineering, University of British Columbia 5) Dept. of Civil Engineering, University of Calgary (September-November 1981)	Civil Engineering	3,795
Kunes, J. Institute of Physiology Czech Academy of Sciences	To visit: 1) Institut de recherches cliniques de Montréal (December 1980-June 1981)	Physiology	2,279
Linek, A. Institute of Physics Czech Academy of Sciences	To visit: 1) Attendance at the XIIth Congress and General Assembly of the International Union of Crystallography 2) Division of Biological Sciences, NRC (August 1981)	Physics	767
Moravec, F. Institute of Radio & Electronics Engineering Czech Academy of Sciences	To visit: 1) Attendance XIIth Congress and General Assembly of the International Union of Crystallography 2) Division of Electrical Engineering, NRC 3) Depts. of Physics & Geological Sciences, McGill University 4) Dép. de génie métallurgique, Ecole Polytechnique 5) Dept. of Physics, Simon Fraser University (August-September 1981)	Crystallography	1,573
Pavlik, L. Institute of Nuclear Biology and Radio Chemistry Czech Academy of Sciences	To visit: 1) Division of Biological Sciences, NRC 2) Attendance Conference on Modern Trends in Activation Analysis, University of Toronto 3) Dept. of Chemical Engineering, University of Toronto 4) Atlantic Research Laboratory, NRC 5) Trace Analysis Research Centre, Dalhousie University (June-July 1981)	Biology	2,592

5.5.1.3. Visits to Canada: Czechoslovakia/Visites au Canada: Tchécoslovaquie
(continued/suite)

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Simerska, M. Institute of Physics Czech Academy of Sciences	To visit: 1) Attendance XIIth Congress and General Assembly of the International Union of Crystallography 2) Alcan International Ltd., Kingston 3) Dept. of Metallurgy and Materials Science, McMaster University 4) Division of Physics, NRC (August-September 1981)	Crystallography	1,676
Svec, F. Institute of Macromolecular Chemistry Czech Academy of Sciences	To visit: 1) Dept. of Biochemistry, McMaster University 2) Dept. of Chemistry, University of Ottawa 3) Dept. of Chemistry, Simon Fraser University 4) Dept. of Chemistry, York University (May-August 1981)	Chemistry	5,630
Sykora, J. Institute of Astronomy Slovak Academy of Sciences	To visit 1) Attendance XXIV COSPAR Conference 2) Herzberg Institute of Astrophysics, NRC (May-June 1982)	Astronomy	115
Triska, A. Institute of Physics Czech Academy of Sciences	To visit 1) Attendance XXIV COSPAR Conference 2) Dép. de physique, Ecole Polytechnique (May-June 1982)	Physics	115
Triska, P. Geophysical Institute Czech Academy of Sciences	To visit 1) Attendance XXIV COSPAR Conference 2) Herzberg Institute of Astrophysics, NRC 3) Radar & Communications Technology, Dept. of Communications (May-June 1982)	Geophysics	115

5.5.1.4. Visits to Canada: Japan/Visites au Canada: Japon

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Fukazawa, K. Forest Products Hokkaido	To visit: 1) Pulp and Paper Research Institute of Canada (September 1980-August 1981)	Wood Anatomy	4,800
Fukuoka, Y. Environmental Geography Hiroshima	To visit: 1) Depts. of Geography and Forestry, University of British Columbia 2) Dept. of Biology, University of New Brunswick (July 1981)	Climatology	1,200
Fukutomi, H. Research Laboratory for Nuclear Reactors Tokyo Institute of Technology	To visit: 1) Dept. of Chemistry, University of Calgary 2) Dept. of Chemistry, Alberta 3) Dept. of Chemistry, Concordia University 4) Dept. of Chemistry, University of Windsor (September-October 1981)	Chemistry	1,200
Maeda, H. Geophysical Institute Kyoto	To visit: 1) Dept. of Physics, University of Toronto 2) Earth Physics Branch, Dept. of Energy, Mines & Resources (July 1981)	Earth Physics	1,200
Sato, K.I. Mathematics Kanazawa	To visit 1) Dept. of Mathematics Carleton University 2) Centre de recherche de mathématiques, Université de Montréal 3) Dept. of Mathematics, University of British Columbia 4) Attendance at the Tenth Conference on Stochastic Processes and their Applications, Montréal (August 1981-April 1982)	Mathematics	10,200
Shimada, K. Animal Physiology Nagoya	To visit: 1) Dept. of Animal & Poultry Science, University of Guelph 2) Dept. of Pharmacology & Therapeutics, University of Calgary 3) Attendance at the 70th Annual Meeting of the Poultry Science Association, University of British Columbia (April-October 1981)	Physiology	7,795
Shinmei, M. Chemistry Hokkaido	To visit: 1) Atlantic Research Laboratory, NRC 2) Dept. of Metallurgy, University of British Columbia 3) Dept. of Metallurgy, University of Toronto (July 1980-April 1981)	Inorganic Chemistry	600

5.5.1.4. Visits to Canada: Japan/Visites au Canada: Japon
(continued/suite)

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Sugiyama, Y.H. Mechanical Eng. Tottori	To visit: 1) Dept. of Mechanical Engineering, McGill University 2) Solid Mechanics Division, University of Waterloo (June 1981)	Applied Mechanics	1,200
Wakao, N. Engineering Yokohama	To visit: 1) Dept. of Chemical Engineering, University of Waterloo 2) Dept. of Chemical Engineering, University of Alberta 3) Royal Military College 4) Dept. of Chemical Engineering, University of New Brunswick (July-August 1981)	Chemical Engineering	1,320

5.5.1.5. Visits to Brazil: Canada/Visites au Brésil: Canada

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Desai, I.D. Human Nutrition British Columbia	To visit: 1) Dept. of Clinical Medicine, Sao Paulo 2) Fundacao Legiao Brasileira de Assistencia, Ribeirao Preto (May-July 1981)	Nutrition	2,158
Fawcett, W.R. Chemistry Guelph	To visit: 1) Depts. of Physics and Chemistry, Universidade de Sao Carlos 2) Plenary lecture III Simposio de Electroquimica e electroanalitica 3) Exchange visits to electrochemists (April 1982)	Chemistry	1,400
Fletcher, W.K. Geological Sciences British Columbia	To visit: 1) Workshop on Geochemical Exploration, Petropolis, Brazil 2) Federal University of Bahia 3) Joao Pessoa-Campira Grande University of Campino Grande (May-June 1981)	Geology	2,377
Harris, G.P. Biology McMaster	To visit: 1) Oceanographic Institute, University of Sao Paulo (Sept.-Oct. 1981)	Biosciences	1,845
Karl, G. Physics Guelph	To visit: 1) Physics Dept. Pontificia Universidade Catolica, Rio de Janeiro (May-June 1981)	Physics	1,487
Northcote, T.G. Animal Research Ecology British Columbia	To visit: 1) Dept. of Ecology, Sao Paulo University 2) University of Brasilia (August-September 1981)	Ecology	2,154
Patriquin, D.G. Biology Dalhousie	Supplement to F.Y. 1981-82 Travel Grant - To visit: 1)Embrapa, Rio de Janeiro (May 1982)	Agriculture	220
Sinclair, A.J. Geological Sciences British Columbia	To visit: 1) Workshop on Geochemical exploration, Petropolis, Brazil 2) University of Brasilia 3) Ministry of Energy & Mines, Centrecon (May-June 1981)	Geology	2,137

5.5.1.6. Visits to Czechoslovakia: Canada/Visites en Tchécoslovaquie: Canada

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Alper, H. Chemistry Ottawa	To visit: 1) Comenius University, Bratislava 2) Slovak Technical University 3) Slovak Academy of Sciences 4) Institute of Chemical Process Fundamentals, Prague (October-November 1981)	Chemistry	1,155
Smith, W.R. Mathematics & Statistics Guelph	To visit: 1) Institute for Chemical Process Fundamentals of the Czechoslovak Academy of Sciences, Prague (October-November 1981)	Mathematics & Statistics	1,221
Weijer, J. Genetics Alberta	To visit: 1) Institute of Microbiology, Prague 2) Institute LIKO Bratislava (April-June 1981)	Biotechnology	1,820

5.5.1.7. Visits to Japan: Canada/Visites au Japon: Canada

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Chakrabarti, C.L. Chemistry Carleton	To visit: 1) National Research laboratories Tsukuba, Tokyo 2) Dept. of Applied Chemistry, University of Osaka Prefecture 3) Lecturer - Symposium on Analytical Spectroscopy for Trace Char. 4) Tokyo University (August-September 1981)	Chemistry	2,144
Copper, P. Geology Laurentian	To visit: 1) University of Tokyo 2) Tohoku University 3) Hokkaido University (June-September 1981)	Geology	3,400
Csizmadia, I.G. Chemistry Toronto	To visit: Institute of Molecular Sciences, Okazaki (May-July 1982)	Chemistry	2,056
Datars, W.R. Physics McMaster	Supplement to F.Y. 1980-81 travel grant - To visit: 1) Institute for Solid State Physics, Tokyo 2) Japan Physics Society 3) University of Kyushu 4) University of Osaka 5) The Institute for Inorganic Materials and the Electrotechnical Institute, Tsukuba University 6) Fukuoka, Hiroshima, Kyoto (March-April 1981)	Physics	483
Eastham, A.R. Electrical Engineering Queen's	To visit: 1) University of Tokyo, Dept. of Mechanical Engineering 2) Dept. of Electronic Engineering, Kyushu University, Fukuoka 3) Dept. of Physics, Tohoku University, Sendai, 4) Japanese Industrial Co. (June-July 1981)	Electrical Engineering	2,219
Lee, M. Nutrition U.B.C.	To visit: 1) Institute of endocrinology, Gunma University (September 1981 - July 1982)	Endocrinology	1,486
Pollak, V. Biomedical Eng. Saskatchewan	To visit: 1) Japanese Institutes and industrial enterprises 2) Tokyo University 3) Denki University 4) Sophia University 5) Institute of Applied Electricity of Hokkaido University, Sapporo (May-August 1981)	Biomedical Engineering	1,939

5.5.1.7. Visits to Japan: Canada/Visites au Japon: Canada
(continued/suite)

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Van Loon, J.C. Geology Toronto	To visit: 1) International conferences in Japan and Seoul, Korea 2) Chemistry, University of Tokyo 3) National Institute for Environmental Studies, Univ. of Tokyo (August-September 1981)	Geology	1,382
Vidyasagar, M. Electrical Eng. Waterloo	To visit: 1) Kyoto University 2) Waseda University 3) Other Universities including: Kobe, Osaka, Nagoya, Fujui, Todky and Tokyo Inst. of Technology (August-October 1981)	Electrical Engineering	2,071
Wang, C.L. Mathematics & Statistics Regina	To visit: 1) Dept. of Economic Engineering, Kyushu University (July-September 1981)	Economics	1,775

5.5.1.8. Visits to France: Canada/Visites en France: Canada

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Aczel, J.D. Mathematics Waterloo	To visit: 1) Les Arcs, Savoie, France 2) Institut de Mathématiques et d'Informatique, Université de Nantes (June 1982)	Mathematics	1,231
Auclair, J.L. Biologie Montréal	Pour séjourner: 1) Station de Zoologie et de Lutte Biologique, Antibes (mars-juin 1981)	Biologie	2,001
Birchall, T. Chemistry McMaster	To visit: 1) Institut Laue-Langevin, Grenoble (July-September 1981)	Chemistry	1,595
Champness, C.H. Electrical Engineering McGill	To visit: 1) Université des Sciences et Techniques du Languedoc, Centre d'Etudes d'Electronique des Solides, Montpellier (June 1981)	Electrical Engineering	760
Dorlot, J.M. Médecine Ecole Polytechnique	Pour séjourner: 1) Laboratoire de Recherches orthopédiques, Paris (mars-avril 1981)	Médecine	1,257
Goel, R.G. Chemistry Guelph	To visit: 1) Institut le Bel, Université Louis Pasteur, Stras- bourg 2) Institut de Recherches sur la catalyse, Lab. de chimie 3) Université de Nice 4) Lab. de chimie, Toulouse (May-August 1981)	Chemistry	1,695

5.5.1.8. Visits to France: Canada/Visites en France: Canada
(continued/suite)

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Kitching, P. Physics Alberta	To visit: 1) Synchrocyclotron at Orsay 2) Institut de Physique Nucléaire, Orsay Université de Paris-Sud 3) Conférence Versailles (May-July 1981)	Physics	838
Knop, D. Chemistry Dalhousie	To visit: 1) Lab. de chimie du Solide du CNRS, Université de Bordeaux 2) Université de Caen 3) ILL, Grenoble (June 1981)	Chemistry	900
Peter, R.E. Zoology Alberta	To visit: 1) Lab. de Physiologie des Poissons, Institut de la Recherche agronomique Jouy-en-Josas 2) Lab. de Physiologie des poissons, Campus de Beaulieu, Rennes 3) Lab. de Biologie animale, Université de Bordeaux, (June-July 1981)	Zoology	905
Poirier, G. Biologie Sherbrooke	Supplément de bourse de voyage (1981-82) Pour séjourner 1) Centre de Neurochimie, Université de Strasbourg, France 2) Orsay et Saclay (mai-septembre 1981)	Biologie	310

5.5.2. Nuffield-NSERC Visiting Lectureships/
Nuffield-CRNSG: Visites des conférenciers invités

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Fray, D.J. Metallurgy Cambridge	To visit: 1) University of New Brunswick 2) Technical University of Nova Scotia 3) NRC Atlantic Research Laboratory 4) Memorial University of Newfoundland 5) McGill University (April-October 1981)	Metallurgy	5,483
Harley, J. Forestry Oxford	To visit: 1) Université Laval 2) Agriculture Canada, Ottawa 3) University of Toronto 4) University of Guelph 5) University of Waterloo 6) Lakehead University 7) University of Calgary 8) North American conference on Mycorrhizae, Québec (July-September 1981)	Forestry	1,890
Lappert, M.F. Molecular Sciences Sussex	To visit: 1) University of Alberta 2) University of British Columbia (March-April 1982)	Organometallic Chemistry	1,200

5.5.3. International Collaborative Research Grants/Subventions de recherche coopérative internationale

Name Department Institution	Purpose of Grant	Host Country	Amount \$
Nom Département Université	But de la subvention	Pays d'accueil	Montant \$
Amram, M. Génie Physique Ecole Polytechnique	Recherche et développement d'un écran ajouré à profil prismatique pour le contrôle des bruits de basses fréquences	France	3.000
Ayer, W.A. Chemistry Alberta	A study of the metabolites of some plant disease causing Fungi, in particular <i>Mycena citricolor</i> and <i>Armillaria mellea</i>	Costa Rica	3.000
Burns, G. Chemistry Toronto	Physico-chemical study of deterioration processes occurring in monuments in Egypt	Egypt	2.000
Carter, A. Soil Science British Columbia	Effects of earthworms on organic and mineral matter turnover and distribution in Fennoscandia	Finland	3.000
Caveney, S. Zoology Western Ontario	Geometrical optics in super- position compound eyes	Australia	4.400
Coxon, J.A. Chemistry Dalhousie	A novel approach to the determination of Dunham potentials and Dunham coefficients from merged spectroscopic data	Australia	4.400
Edward, J.T. Chemistry McGill	Factor analysis of solvent effects in organic chemistry	Sweden	2.200
Elinson, R.P. Zoology Toronto	Evolutionary implications of development in marsupial frogs	Ecuador	2.400
Forer, A. Biology York	Electron microprobe X-ray microanalysis of calcium in meiotic spindles	England	3.600
Granot, F. Commerce & Business Adm. British Columbia	Qualitative theory of optimi- zation: network flow-models	U.S.A.	3.600
Gravenor, C.P. Science & Mathematics Windsor	Origin and classification of laminated diamicton(ite)	South Africa	4.500
Hammer, P.L. Combinatorics & Optimization Waterloo	Boolean methods for the matroidal decomposition of independence systems	Hungary and France	4.000
Hasinoff, B. Chemistry Memorial	Fast reaction kinetics of antibody-hapten and antibody- antigen interactions. Fast kinetic studies on primary photophysical and photo- chemical reactions in photosynthetic systems	Israel	3.000

5.5.3. International Collaborative Research Grants/Subventions de recherche
coopérative internationale (continued/suite)

Name Department Institution	Purpose of Grant	Host Country	Amount \$
Nom Département Université	But de la subvention	Pays d'accueil	Montant \$
Hsiung, C.C. Engineering & Applied Science Memorial	Estimate of icebreaking resistance of a vessel by model test in an ice tank	West Germany	2,000
Joshi, Y.N. Physics St. Francis Xavier	The investigation of the spectra of highly ionized atoms of Fe I, Ru I, and Au III isoelectronic sequences	Netherlands and U.S.S.R.	2,723
Kao, K.C. Electrical Engineering Manitoba	Research in electrical and optical properties of semi conductors and dielectrics	Japan	600
Krause, L. Physics Windsor	Inelastic collisions of exited atoms in vapor cells and flames	Netherlands	4,000
Lowe, L.E. Soil Science British Columbia	The characteristics of humus fractions and their role in the genesis of Andosols in Central Mexico	Mexico	1,500
Luke, T.M. Applied Mathematics Western Ontario	Theoretical study of atomic structure and transition strengths in the Aliminum and Gallium isoelectronic sequences	Norway	2,500
Mackie, G.D. Biology Victoria	Tunicate neurobiology	U.S.A.	3,000
Mehra, M.C. Chimie Moncton	Separation and quantification of trace elements from natural samples using pre synthesized absorbing surfaces	Japon	3,000
Mogenson, G.J. Psychology & Physiology Western Ontario	The functional significance of limbic-motor connections in the monkey investigated with chronic electrophysiological recording techniques	England	3,600
Ormrod, D.P. Horticultural Science Guelph	An investigation of the nature of air pollutant interactions	U.S.A.	3,500
Pharis, R.P. Biology Calgary	Physiology and metabolism of plant hormones involved in the flowering process... Progeny testing of superiority traits for vegetative growth in pinus crosses of known parentage...	Australia	3,000
Randall, D.J. Zoology British Columbia	Physiology of terrestrial adaptation in the land crabs of Tahiti	French Polynesia	3,695
Rasmussen, H. Applied Mathematics Western Ontario	A theoretical study of a three-phase flow problem with a moving boundary occuring in gravity drainage of heavy oil during in-situ steam heating	Denmark	2,800

5.5.3. International Collaborative Research Grants/Subventions de recherche
coopérative internationale (continued/suite)

Name Department Institution	Purpose of Grant	Host Country	Amount \$
Nom Département Université	But de la subvention	Pays d' accueil	Montant \$
Robertson, L.P. Physics Victoria	pp and pd interaction at threshold, part of the ASTERIX collaboration for the study of pp interactions at rest in an H ₂ gas target at LEAR, CERN	France and Switzerland	2,301
Roy, D Physique Laval	Spectroscopie moléculaire complémentaire par diffusion d'électrons et par photoémission	Belgique	2,000
Russell, D.C. Mathematics York	Approximation Theory and Summability	Israel	2,200
Savage, S.B. Civil Engineering McGill	Flows of Granular Materials	England	2,400
Stauffer, A.D. Physics York	Positron and electron collision with atoms	Romania	2,500
Silveston, P.L. Chemical Engineering Waterloo	Research on fouling of heat transfer surfaces through surfaced catalized hydrocarbon decomposition reactions	England	4,800
Steinitz, M.O. Physics St. Francis Xavier	Phase transitions in solids	Israel	2,200
Talman, J.D. Applied Mathematics Western Ontario	Theoretical study of atomic structures and transition strengths in the Aluminum and Gallium isoelectronic sequences	Norway	2,500
Timusk, T. Physics McMaster	To measure the spectrum of the cosmic microwave background radiation	U.S.A.	2,000
Thiebaut, H.J. Mathematics Dalhousie	Estimation of ensemble features of atmospheric circulations	England	2,400
von Borstel, R.C. Genetics Alberta	To isolate mutants of genes which encode DNA polymerase of <i>Saccharomyces</i>	Switzerland	4,300
Watson, A.K. Agriculture McGill	Impact of puccinia on spotted knapweed in Europe	Switzerland	2,000
Wood, C.M. Biology McMaster	Physiology of terrestrial adaptation in the land crabs of Tahiti	French Polynesia	4,830
Zacharuk, R.Y. Biology Regina	Towards a model of transduction and the roles of various sensillar components in sensory function of chemo and mechanosensilla in insects	Australia	4,400
Zuckermann, M.J. Physics McGill	Transport and magnetic properties of rare earth intermetallic compounds	Austria	1,200

5.5.4. International Scientific Exchange Awards/Subventions d'échanges scientifiques internationaux

Name Department Institution	Purpose of Grant	Field of Research	Amount \$
Nom Département Institut	But de la subvention	Domaine de recherche	Montant \$
Blaz, L.M. Academy of Mining & Metallurgy Institute of Metals Forming and Physical Metallurgy Cracow, Poland	Dynamic recrystallization in copper and copper alloys. Host scientist - J.J. Jonas, McGill University (December 1981-April 1982)	Metallurgy	6,000
Dhouailly, D. Zoologie et biologie animale Grenoble, France	A study of the role of the dermis in retinoic acid-induced metaplasia of epidermis and hair follicles, using dermal-epidermal recombi- nants. Host scientist - M.H. Hardy Fallling, University of Guelph (December 1981-January 1982)	Biologie	1,800
Evans, E.W. Geological Sciences Seattle, Washington	Experimental determination of the stability and thermodynamic properties of the amphibole glaucofane. Host scientist - H.J. Greenwood, University of British Columbia (September 1981-January 1982)	Geology	6,000
Galamb, V. Research Group for Petrochemistry Hungarian Academy of Sciences Veszprem, Hungary	Organocobalt catalysed processes. Host scientist - H. Alper, University of Ottawa (April-August 1982)	Chemistry	2,400
Hosoe, S. Automatic Control Laboratory Nagoya, Japan	Structural approach for linear multivariable systems. Host sci- entist - W.M. Wonham, University of Toronto (September-December 1981)	Electrical Engineering	4,800
Hughes, D.H. Physics Nottingham, U.K.	Investigation of quaternary chalcopyrite compounds I III VI Se4 and I III IV S4. Host scien- tist - J.C. Woolley, University of Ottawa (August-September 1981)	Physics	1,200
Iida, T. Metallurgical Engineering Osaka, Japan	A viscometric technique for the study of slag/metal kinetics. Host scientist - R.I.L. Guthrie, McGill University (September-December 1981)	Metallurgy	4,800

5.5.4. International Scientific Exchange Awards/Subventions d'échanges scientifiques internationaux (continued/suite)

Name Department Institution	Purpose of Grant	Field of Research	Amount \$
Nom Département Institut	But de la subvention	Domaine de recherche	Montant \$
Krasnowski, B.R. Institute of Aircraft Technology and Applied Mechanics Warsaw, Poland	Experimental methods in deter- mination and analysis of stress intensity factors & interface stresses in composite materials and structures (joints). Host scientist - J.T. Pindera, University of Waterloo (February-June 1982)	Civil Engineering	4,800
Lasota, A. Mathematics Silesian Katowice, Poland	Models of hemopoietic function; ergodic theory in the applied sciences. Host scientist - M.C. Mackey, McGill University (June-July 1981)	Physiology	1,800
Mazumdar, J.N. Applied Mathematics Adelaide, Australia	Application of the mathematical analysis to the non-invasive study of the in-vivo stiffness of mitral and aortic valves. Host scientist - D.N. Ghista, McMaster University (February-May 1982)	Mathematics	3,600
Nakagawa, H. Food Science and Technology Chiba, Japan	Nitrate reductase in corn roots and its regulation. Host scientist - A. Oaks, McMaster University (May 1981-January 1982)	Biology	4,800
Orr, B.J. Chemistry New South Wales Kensington, Australia	Infrared laser spectroscopy of molecular beams. Host scientist - G. Scoles, N. Isenor and T.E. Gough, Depts. of Physics and Chemistry, University of Waterloo (June-September 1981)	Chemistry	3,600
Pajunen, P. Physical Chemistry Helsinki, Finland	Applications of high-order phase integral methods in chemical physics. Host scientist - R.J. LeRoy, University of Waterloo (April-June 1981)	Chemistry	3,600
Patel, N.R. Indian Institute of Management Ahmedabad, India	Modèles d'offre dans les compagnies de transport: les problèmes d'no- raires de véhicules. Chercheur-hôte - J.M. Rousseau, Université de Montréal (avril-juin 1981)	Transport	2,400

5.5.4. International Scientific Exchange Awards/Subventions d'échanges scientifiques internationaux (continued/suite)

Name Department Institution	Purpose of Grant	Field of Research	Amount \$
Nom Département Institut	But de la subvention	Domaine de recherche	Montant \$
Perkins, P.G. Chemistry Strathclyde, U.K.	Mechanism of reactions in silicon chemistry. Host scientist - T.N. Bell, Simon Fraser University (July-September 1981)	Chemistry	2,400
Russell, N.J. Biochemistry University College South Wales, U.K.	The effect of imidazole antifungal antibiotics on lipid metabolism in the opportunistic pathogen <i>Candida albicans</i> . Host scientist - M. Kates, University of Ottawa (June-July 1981)	Biochemistry	1,800
Sankur, B. Engineering Bogazici, Istanbul Turkey	Microprocessor Based digital communication systems. Host scientist - W. Steenaart, University of Ottawa (December 1981-April 1982)	Engineering	4,800
Schwarz, K. Institut für Technische Elektrochemie Technische Universität Wien, Austria	Magnetic band structure calculations for bcc vanadium and fcc iron using reduced symmetry. Host scientist - D.R. Salahub, Université de Montréal (July-August 1981)	Chemistry	1,800
Smith, F.A. Physics St. Bartholomew's Medical College London U.K.	Biological macromolecules studied by perturbed angular correlations using ¹¹¹ In-Oxine as a probe. Host scientist - P.W. Martin, University of British Columbia (July-August 1981)	Physics	1,800
Smith, S.R.P. Physics Essex Colchester, U.K.	Investigation of cooperative Jahn-Teller phase transitions in rare-earth compounds. Host scientist - D.R. Taylor, Queen's University (May-September 1981)	Physics	4,800
Steiner, J.T. New Zealand Meteorological Service, Wellington	Research in the numerical modelling of Cumuliform clouds. Host scientist - R.R. Rogers and M.K. Yau, McGill University (November-December 1981)	Meteorology	1,800
Will, T.A. Investigaciones en Materiales Mexico	Inelastic electron tunneling spectroscopy. Host scientist - J.G. Adler, University of Alberta (July 1981-July 1982)	Physics	6,000

5.5.4. International Scientific Exchange Awards/Subventions d'échanges scientifiques internationaux (continued/suite)

Name Department Institution	Purpose of Grant	Field of Research	Amount \$
Nom Département Institut	But de la subvention	Domaine de recherche	Montant \$
Wille, R. Mathematik Technische Hochschule Darmstadt, West Germany	A structure theory for ordered sets. Host scientist - I. Rival, University of Calgary. (August-November 1981)	Mathematics	2,400
Zhang, J.-L. Astrophysics Research Division Science and Technology of China Hefei, Anhwei	Relativistic astrophysics: gravitational radiation and evolution of low mass, close binary systems. Host scientist: W.Y. Chau, Queen's University (December 1981-December 1982)	Astrophysics	4,800

5.6. Travel Grants / Subventions de voyage

Name Department University	Purpose of Grant	Amount \$ Committee
Nom Département Université	But de la subvention	Montant \$ Comité
Al-Hussaini, A. Mathematics Alberta	To spend leave at: Paris VI, France and/or Hull, England (March 1982 to July 1982)	1,018 16
Ansaldo, E.J. Physics Saskatchewan	To spend leave at: Institut für Kernphysik, Technische Hochschule, Darmstadt, West Germany (May 1981 to Sept. 1982)	1,500 22
Balasubramanian, R. Electrical Eng. New Brunswick	To spend leave at: School of Automation, Indian Institute of Science, Bangalore, India (July 1981 to June 1982)	2,740 11
Bass, D.W. Math/Statistics Memorial	To spend leave at: University of Southampton (U.K.) (Sept. 1981 to Sept. 1982)	842 16
Beaumont, C. Oceanography Dalhousie	To spend leave at: D.S.I.R. Wellington, New Zealand, and Cambridge University, England (Aug. 1981 to Aug. 1982)	1,500 10
Benabdallah, K. Math/statistique Montréal	Lieu du stage: Rikkyo University, Tokyo, Japon (avril 1982 à juillet 1982)	1,053 16
Bhaduri, R.K. Physics McMaster	To spend leave at: 1) University of Regensburg, West Germany or 2) Tata Institute of Fundamental Research Bombay, India (July 1981 to June 1982)	1,000 15
Bierstone, E. Mathematics Toronto	To spend leave at: Institut des Hautes Etudes Scientifiques, Bures-sur-Yvette, France (Sept. 1981 to Aug. 1982)	1,040 16
Bilgen, E. Génie mécanique Ecole Polytech.	Lieu du stage: Joint Research Center of EEC, Ispra, Italy (May 1981 to April 1982)	1,560 13
Bluman, G.W. Mathematics British Columbia	To spend leave at: Dept. of Theoretical Mechanics, University of Nottingham (Sept. 1981 to Aug. 1982)	1,053 16
Booth, P.I. Math/Statistics Memorial	To spend leave at: The Mathematical Institute, Oxford University (Sept. 1981 to Sept. 1982)	955 16
Borra, E.F. Physique Laval	Lieu du stage: Steward Observatory, University of Arizona, Tucson, AZ, U.S.A. (juin 1981 à juillet 1982)	300 17
Brimacombe, J.K. Metallurgical Eng. British Columbia	To spend leave at: Japanese metallurgical industries and university departments of metallurgy, Japan	1,600 04
Bryant, P.R. Electrical Eng. Waterloo	To spend leave at: University of California, Berkeley (Sept. 1981 to Sept. 1982)	730 11

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Buckley, A.G. Mathematics Concordia	To spend leave at: University of Arizona, Tucson, Arizona (June 1981 to May 1982)	669	07
Burton, D.N. Microbiology Manitoba	To spend leave at: University of Nottingham, Nottingham, U.K. (July 1981 to June 1982)	500	02
Cameron, J.M. Physics Alberta	To spend leave at: Laboratoire National Saturne, Saclay, France (Jan. 1982 to July 1982)	1,700	27
Campbell, J.L. Physics Guelph	To spend leave at: U.K. Atomic Energy Authority, Harwell (Aug. 1981 to Aug. 1982)	730	15
Carmichael, J.W. Bacteriology Alberta	To spend leave at: University of Queensland, Brisbane, Australia and New Zealand (Sept. 1981 to Feb. 1982)	1,791	03
Carnegie, R.K. Physics Carleton	To spend leave at: Nuclear Physics Laboratory, Oxford University, England (July 1981 to July 1982)	1,300	23
Clarke, G.K.C. Geophys./Astron. British Columbia	To spend leave at: Scott Polar Research Institute, Cambridge, England (Aug. 1981 to July 1982)	1,000	10
Cleroux, R. Infor. & rech opér. Montréal	Lieu du stage: Ecole Polytechnique Fédérale de Lausanne, Suisse (juillet 1981 à juin 1982)	1,454	07
Cummins, W.R. Botany Toronto	To spend leave at: Stanford University and Carnegie Institution for Plant Biology, Palo Alto, California (Jan. 1982 to Aug. 1982)	663	03
Cunningham, W.H. Math/Statistics Carleton	To spend leave at: Institut für Ökonometrie und Operations Research, Universität Bonn, West Germany (July 1981 to Aug. 1982)	1,450	07
Curtis, D.W. Psychology Alberta	To spend leave at: John B. Pierce Foundation Laboratory New Haven, Connecticut and University of Nevada, Reno, Nevada (July 1981 to June 1982)	950	12
Daborn, G.R. Biology Acadia	To spend leave at: Bellairs Biological Station, St. James, Barbados (Sept. 1981 to May 1982)	1,077	18
Davies, H.G. Mechanical Eng. New Brunswick	To spend leave at: Institute for Sound and Vibration Research, Southampton University, England (July 1981 to June 1982)	1,110	13
Desai, R.C. Physics Toronto	To spend leave at: 1) N.S.F. Institute of Theoretical Physics, University of California at Santa Barbara, California, U.S.A. or 2) Institute für Theoretische Physik, Aachen, West Germany (June 1981 to June 1982)	1,000	15

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Downie, J. Chemical Eng. Queen's	To spend leave at: University of Cambridge, U.K. (Sept. 1981 to Aug. 1982)	1,500	04
Draper, H.H. Nutrition Guelph	To spend leave at: University of California, Berkeley, California (April 1981 to Aug. 1981)	620	01
Duckworth, K. Geology & Geophys. Calgary	To spend leave at: The University of New South Wales, Sydney, Australia (Jan. 1982 to June 1982)	1,400	10
Dugas, H. Chimie Montréal	Lieu du stage: Univ. Louis Pasteur, Strasbourg, France et CNRS, Thiais, France (sept. 1981 à déc. 1981)	500	02
Enns, R.H. Physics Simon Fraser	To spend leave at: The Laser Physics Laboratory, Australian National University Canberra ACT 2601, Australia (Sept. 1981 to Sept. 1982)	1,300	15
Erbe, L.H. Mathematics Alberta	To spend leave at: Mathematisches Institut der Universität, Würzburg, Germany (July 1981 to June 1982)	1,053	16
Etches, R.J. Animal/Poultry Sc. Guelph	To spend leave at: INRA Centre de Tours, Station de Recherche Avicoles, France (Sept. 1981 to Aug. 1982)	1,580	01
Etsell, T.H. Mineral Eng. Alberta	To spend leave at: Laboratoire d'Energetique Electrochimique, Ecole Nationale Supérieure d'Electrochimie et d'Electrometallurgie de Grenoble, Domaine Universitaire, 38401 St. Martin d'Hères, France (July 1981 to June 1982)	1,500	04
Fedigan, L.M. Anthropology Alberta	To spend leave at: Kyoto, Japan and Agfadou (Grande Kabylie), Algeria (July 1981 to July 1982)	3,700	18
Field, C.A. Math.Stat&Comp Sc Dalhousie	To spend leave at: Forschungs Institut Für Mathematik, ETH, Zürich, Switzerland (Jan. 1982 to June 1982)	1,307	14
Finch, J.A. Mining/Metal. Eng. McGill	To spend leave at: University of Leeds, England (Dec. 1981 to Aug. 1982)	1,300	04
Fisher, J.C. Mathematics Regina	To spend leave at: Technische Universität München, Munich, Germany (Jan. 1981 to July 1981)	547	16
Fragata, M. Chimie - biologie Qué.-Trois-Riv	Lieu du stage: Université de Kyoto, Japon (juillet 1981 à déc. 1981)	1,000	02
Frei, A. Mathematics British Columbia	To spend leave at: Fribourg, Switzerland (July 1981 to June 1982)	1,053	16

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Freitag, R. Biology Lakehead	Museum national d'histoire, Paris and British Museum, London	1,734	18
Gamache, A. Informatique Laval	Lieu du stage: Centre d'études et de recherches de l'école nationale supérieure de l'aéronautique de Toulouse (août 1981 à août 1982)	1,500	07
Gamble, B.R. Civil Engineering Calgary	To spend leave at: University of Auckland, New Zealand (Sept. 1981 to July 1982)	1,400	06
Gaunt, P. Physics Manitoba	To spend leave at: Department of Physics, University of Southampton, England (Jan. 1982 to July 1982)	1,000	15
Gauthier, P.M. Math/statistique Montréal	Lieu du stage: Moscou (juin 1981 à août 1982)	1,053	16
Gecsei, J. Infor. & rech opér. Montréal	Lieu du stage: Technion, Haifa, Israel et IRISA, Rennes, France, CCETT (août 1981 à juillet 1982)	2,306	07
Graham, J. Civil Engineering Manitoba	To spend leave at: Oxford University, Oxford, England (July 1981 to June 1982)	1,000	06
Gray, J.T. Geography Montréal	To spend leave at: Tarfala Research Station, Northern Sweden, Kevo Research Station, Finland (May 1981 to Aug. 1981)	1,400	10
Hall, B.K. Biology Dalhousie	To spend leave at: University of Auckland, New Zealand (June 1981 to June 1982)	2,000	01
Halperin, J.S. Mathematics Toronto	To spend leave at: Université de Lille I (July 1981 to June 1982)	940	16
Harrison, A.G. Chemistry Toronto	To spend leave at: Inst. of Phys. Chem., Ecole Polytechnique Fédérale, Lausanne (Jan. 1982 to July 1982)	1,640	05
Harrison, P.J. Oceanogr./Botany British Columbia	To spend leave at: Dept. of Oceanography, University of Hawaii, U.S.A. (Aug. 1981 to July 1982)	725	03
Hasinoff, B.B. Chemistry Memorial	To spend leave at: Hebrew University of Jerusalem, and Weizmann Institute, Rehovot, Israel (Sept. 1981 to Aug. 1982)	2,129	05
Heath, P.R. Math/Statistics Memorial	To spend leave at: University of Durham, England (June 1981 to Sept. 1982)	970	16
Hehner, E.C.R. Computer Science Toronto	To spend leave at: Oxford University, England (April 1981 to July 1981)	593	07

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Henke, P.G. Psychology St. F. Xavier	To spend leave at: Swiss Technical University, Zürich, Switzerland (Jan. 1982 to June 1982)	1,280	12
Hiruki, C. Plant Science Alberta	To spend leave at: Faculty of Agriculture, Kyushu University, Fukuoka, Japan (May 1981 to Aug. 1981)	1,830	03
Hodgson, B.R. Mathématiques Laval	Lieu du stage: Université de Toronto et Université Lakehead (août 1981 à juillet 1982)	365	16
Hougen, F.W. Plant Science Manitoba	To spend leave at: The University of California, Davis, California 95616 (April 1981 to July 1981)	583	03
Howden, H.F. Biology Carleton	To spend leave at: Entomology Division, C.S.I.R.O., Canberra and Australian Museum, Sydney (July 1981 to Nov. 1981)	2,830	12
Hurdle, V.F. Civil Engineering Toronto	To spend leave at: Institut für Verkehrswesen, Universität (TH) Karlsruhe, Germany or Transport and Road Research Laboratory, Crowthorne, England (July 1981 to June 1982)	1,000	06
Hynes, A.J. Geological Sciences McGill	To spend leave at: Auckland University, Auckland, North Island, New Zealand and Australian National University, Canberra, ACT, Australia (Sept. 1981 to May 1982)	2,100	10
Iyer, V.N. Biology Carleton	To spend leave at: 1) University of Washington, Seattle, USA 2) Rijksuniversiteit, Ghent, Belgium (July 1981 to July 1982)	500	02
James, D.F. Mechanical Eng. Toronto	To spend leave at: Université Paris VII, France (Aug. 1981 to Dec. 1981)	1,435	13
Kameda, T. Electrical Eng. Waterloo	To spend leave at: Technical University of Berlin, Berlin, West Germany (April 1981 to Aug. 1981)	910	07
Keast, J.A. Biology Queen's	To spend leave at: Australian National University, Canberra; and Indonesia (July 1981 to Dec. 1981)	3,150	18
Kerr, H.W. Mechanical Eng. Waterloo	To spend leave at: Royal Melbourne Institute of Technology, Melbourne, Australia (Sept. 1981 to Sept. 1982)	1,400	04
Kesteven, M.K.L. Physics Queen's	To spend leave at: 1) University of Sydney 2) University of Cambridge (July 1981 to Aug. 1982)	3,000	17
Kornblatt, J.A. Biology Concordia	To spend leave at: Institut de Biologie Physico- Chimique - Paris, France (June 1981 to May 1982)	500	02

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Kornblatt, M.J. Chemistry Concordia	To spend leave at: Institut Pasteur, Paris, France (July 1981 to May 1982)	500	02
Kreuzer, H.J. Physics Alberta	To spend leave at: 1) University of Adelaide, Adelaide, South Australia or 2) Technical University, Munich, W. Germany (Jan. 1982 to Aug. 1982)	1,300	15
Kuehner, J.A. Physics McMaster	To spend leave at: The Australian National Laboratory, Canberra (Sept. 1981 to April 1982)	2,500	22
Lam, C.W.H. Computer Science Concordia	To spend leave at: Eindhoven University of Technology (June 1981 to May 1982)	912	16
Laposa, J.D. Chemistry McMaster	To spend leave at: Research School of Chemistry, Australian National University (Jan. 1982 to Dec. 1982)	2,674	05
Lee, M.J.G. Physics Toronto	To spend leave at: Natuurkundig Laboratorium Vrije Universiteit, Amsterdam (Sept. 1981 to Dec. 1981)	1,000	15
Leeming, D.J. Mathematics Victoria	To spend leave at: Old Dominion University, Norfolk, Virginia, U.S.A. (Sept. 1981 to June 1982)	499	16
Lehn, W.H. Electrical Eng. Manitoba	To spend leave at: University of Freiburg, Freiburg i. Br., Federal Republic of Germany (July 1981 to June 1982)	1,700	17
LeMaguer, M. Food Science Alberta	To spend leave at: University of Hokkaido, Sapporo, Hokkaido, Japan (Jan. 1982 to June 1982)	1,500	04
Lenard, J.G. Mechanical Eng. New Brunswick	To spend leave at: Material Processing and Machine Tool Centre, Faculty of Mechanical Engineering, Technion Haifa, Israel (April 1981 to July 1981)	1,000	13
Lenz, A.C. Geology Western Ontario	To spend leave at: Macquarrie University, Sydney, Australia (Aug. 1981 to Aug. 1982)	2,100	10
Leslie, J.R. Physics Queen's	To spend leave at: University of Manchester, England (Sept. 1981 to Aug. 1982)	1,400	22
Link, S.W. Psychology McMaster	To spend leave at: University of California at San Diego and Stanford University, U.S.A. (Sept. 1981 to Jan. 1982)	697	12
Little, J.G. Biology York	To spend leave at: Oxford University, U.K. (July 1981 to June 1982)	500	02

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Loly, P.D. Physics Manitoba	To spend leave at: Daresbury Laboratory, Science Research Council, Daresbury, nr. Warrington, U.K. (July 1981 to June 1982)	1,000	15
Ludwig, G. Mathematics Alberta	To spend leave at: Max-Planck Institut für Physik & Astrophysik, Garching, Germany (July 1981 to July 1982)	1,053	16
Mackie, G.D. Biology Victoria	To spend leave at: Stanford University, Palo Alto and Pacific Grove, California (July 1981 to June 1982)	330	01
Magazine, M.J. Management Sciences Waterloo	To spend leave at: Ecole Polytechnique Fédérale de Lausanne, Lausanne, Switzerland (Aug. 1981 to Aug. 1982)	1,538	20
Mailer, C. Physics New Brunswick	To spend leave at: University of Oxford, Oxford, England (July 1981 to June 1982)	1,000	15
McDonald, R.S. Chemistry Mt. St. Vincent	To spend leave at: Department of Chemistry, University of British Columbia, Vancouver, B.C. (July 1981 to June 1982)	746	05
Mikaelian, H.H. Psychology New Brunswick	To spend leave at: Dalhousie University, New England Medical College and University of British Columbia (July 1981 to June 1982)	300	12
Mohanty, S.G. Mathematical Sci. McMaster	To spend leave at: 1) Stanford University 2) University of California, San Diego (July 1981 to June 1982)	720	14
Moore, R.B. Physics McGill	To spend leave at: Universität Mainz, Germany (Sept. 1981 to Aug. 1982)	1,400	22
Moo-Young, M. Chemical Eng. Waterloo	To spend leave at: 1) University College, London U.K. 2) Swiss Federal Institute of Technology, Lausanne, Switzerland 3) University of Hanover, Germany (Oct. 1981 to June 1982)	1,500	04
Morales, P.A. Math/informatiques Sherbrooke	Lieu du stage: Université de Clermont, Département de mathématiques appliquées, Aubière, France (avril 1981 à juin 1981)	947	16
Morris, J.L. Computer Science Waterloo	To spend leave at: University of Dundee, Dundee, Scotland (July 1981 to July 1982)	2,000	07
Nash, D. Génétique Alberta	Lieu du stage: CNRS Laboratory of Cell and Molecular Genetics, Luminy, France (sept. 1981 à août 1982)	500	02
Oldham, K.B. Chemistry Trent	To spend leave at: Department of Chemistry, Deakin University, Geelong, Victoria, Australia (August 1981 to July 1982)	2,797	05

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Paranjape, V.V. Physics Lakehead	To spend leave at: 1) Australian National University, Canberra, Australia or 2) University of Poona, Poona, India (Jan. 1982 to July 1982)	1,300	15
Parker, P.A. Electrical Eng. New Brunswick	To spend leave at: Chalmers University of Technology, Göteborg, Sweden (July 1981 to July 1982)	1,532	11
Patriquin, D.G. Biology Dalhousie	To spend leave at: 1) Barbados: Univ. West Indies, & W.I. Central Sugar Cane Breeding Stn. 2) Brazil: EMBRAPA/RJ & Centro de Energia Nuclear na Agricultura 3) Indian Agricultural Res. Inst., New Delhi (July 1981 to June 1982)	1,776	18
Petkau, A.J. Mathematics British Columbia	To spend leave at: Harvard School of Public Health, Boston (July 1981 to June 1982)	796	14
Pharis, R.P. Biology Calgary	To spend leave at: Australian National University/C.S.I.R.O., Canberra, A.C.T., Australia (Jan. 1982 to June 1982)	1,950	03
Poirier, G.G. Biologie Sherbrooke	Lieu du stage: Centre de Neurochimie, CNRS Strasbourg, France (mai 1981 à oct. 1981)	500	02
Pullman, N.U. Mathematics Queen's	Towards the cost of leave at: Simon Fraser Univ., Burnaby, B.C. and Univ. of Newcastle, N.S.W. Australia (Sept. 1981 to Sept. 1982)	1,053	16
Randall, D.J. Zoology British Columbia	To spend leave at: Flinders Medical School, Adelaide, Australia (Sept. 1981 to April 1982)	2,500	01
Raouf, A. Industrial Eng. Windsor	To spend leave at: Swiss Federal Institute of Technology, Zurich and the Institute of Occupational Health, Helsinki, Finland (July 1981 to Dec. 1981)	1,530	20
Rigler, F.H. Biology McGill	To spend leave at: Plymouth Laboratory; Marine Biological Association, U.K. (July 1981 to Aug. 1982)	1,553	18
Rimrott, F.P.J. Mechanical Eng. Toronto	To spend leave at: R. U. Bochum (Oct. 1981 to June 1982)	700	13
Rival, I. Mathematics Calgary	Towards the cost of leave at: 1) Université Claude Bernard, Villeurbanne, France 2) Université de Provence, Marseille, France 3) I.M.A.G., Grenoble, France 4) Technische Hochschule Darmstadt, Germany (Jan. 1982 to Dec. 1982)	1,053	16
Rochon, G. Photogrammétrie Laval	Lieu du stage: France: Toulouse (CNES); Montpellier (CNRS); Paris (IGN) (juillet 1981 à oct. 1981)	1,200	06

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Rogers, J.S. Industrial Eng. Toronto	To spend leave at: Department of Operations Research, Stanford University, Stanford, California (Jan. 1982 to June 1982)	710	20
Sachdev, M.S. Electrical Eng. Saskatchewan	To spend leave at: The General Electric Company Limited, St. Leonards Work, Stafford, U.K. (July 1981 to June 1982)	1,550	11
Saleuddin, A.S.M. Biology York	To spend leave at: Université de Besancon, France Université de Caen, France (Sept. 1981 to Aug. 1982)	2,300	01
Salinas, J.J. Civil Engineering Carleton	To spend leave at: 1) Forintek (Western Forest Products Lab.) Vancouver 2) Wood Science and Technology Lab., Mexico (July 1981 to June 1982)	1,100	06
Sanctuary, B.C. Chemistry McGill	To spend leave at: Department of Chemistry, York University, Yorkshire, England (Sept. 1981 to Aug. 1982)	1,600	05
Schuegraf, E.J. Math/Comp Science St. F. Xavier	To spend leave at: University of Canterbury, Christchurch, New Zealand (Aug. 1981 to July 1982)	3,125	07
Sharpe, R.W. Mathematics Toronto	To spend leave at: The University of Paris VII (Sept. 1981 to June 1982)	1,053	16
Shin, Y.M. Physics Saskatchewan	To spend leave at: University of Mainz, West Germany; and TRIUMF, Univ. of British Columbia (July 1981 to June 1982)	1,500	22
Singh, M. Mathematics Simon Fraser	Towards the cost of leave at: University of Manchester, England, and Panjab University, India (Sept. 1981 to Aug. 1982)	1,053	16
Singh, R.S. Biology McMaster	To spend leave at: University of California, Davis and University of California, Berkely (July 1981 to June 1982)	300	02
Stesky, R.M. Earth/Planet. Sci. Toronto	To spend leave at: University of East Anglia, Norwich, U.K. (July 1981 to July 1982)	1,000	10
Strong, A.B. Mechanical Eng. Waterloo	To spend leave at: 1) University of Manchester, England 2) Basel, Switzerland 3) Syncrude, Canada (Sept. 1981 to April 1982)	1,210	13
Tabarrok, B. Mechanical Eng. Toronto	To spend leave at: University of New South Wales (July 1981 to June 1982)	1,100	13
Tarnawecy, M.Z. Electrical Eng. Manitoba	To spend leave at: 1) Two and three quarters (2 3/4) of months at ASEA, Sweden (Ludvika, Vestaras, Stockholm, etc.); 2) One week at HVDC-T working group, Rheinau, West Germany (April 1981 to June 1981)	1,625	11

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
Taylor, A.W. Physical Education Montréal	To spend leave at: University of Queensland, Australia (June 1981 to June 1982)	2,800	01
Thomason, S.K. Mathematics Simon Fraser	To spend leave at: University of Auckland, Auckland, New Zealand (May 1981 to April 1982)	1,053	16
Tomlinson, G. Chemistry Winnipeg	To spend leave at: Department of Biochemistry, University of Bath, U.K. (Sept. 1981 to Aug. 1982)	750	02
Trottier, B.L. Chimie Moncton	Lieu du stage: University of Surrey, Guildford, Surrey, Angleterre (sept. 1981 à juillet 1982)	750	02
Tymchatyn, E.D. Mathematics Saskatchewan	Towards the cost of leave at: University of Alabama 2) University of Houston 3) University of Crete (July 1981 to June 1982)	1,053	16
Vanier, J. Génie électrique Laval	Lieu du stage: 1) Faculté des Sciences, Orsay, France 2) National Bureau of Standards, Boulder, Colorado, U.S.A. 3) Conseil national de recherches, Ottawa	1,625	11
Van Ders, W.T.H. Physics Manitoba	To spend leave at: Laboratoire National SATURNE, Institut National de Physique Nucléaire et de Physique des Particules (Sept. 1981 to April 1982)	1,000	27
Vitt, D.H. Botany Alberta	To spend leave at: University of New South Wales (Aug. 1981 to Dec. 1981)	2,880	18
Vlachopoulos, J. Chemical Eng. McMaster	To spend leave at: Ecole National Supérieure des Mines de Paris - CEMEF, Sophia Antipolis, 06560 Valbonne (Sept. 1981 to March 1982)	1,500	04
Volesky, B. Chemical Eng. McGill	To spend leave at: Czech Academy of Sciences - Institute of Microbiology Prague - Czechoslovakia (May 1981 to Sept. 1981)	1,500	04
Volle, M.A. Psychologie Qué.-Trois-Riv	Lieu du stage: Université de Provence, Laboratoire de psychophysiologie, Marseille, France (juin 1981 à mai 1983)	1,608	12
Von Borstel, R.C. Genetics Alberta	To spend leave at: Basel Institute for Immunology, Basel, Switzerland (July 1981 to July 1982)	500	02
Walton, D. Physics McMaster	To spend leave at: University of Cambridge (July 1981 to Jan. 1982)	1,000	15
Wanke, S.E. Chemical Eng. Alberta	To spend leave at: Fritz Haber Institut der Max Planck Gesellschaft, West Berlin, Germany (July 1981 to June 1982)	1,500	04

5.6. Travel Grants / Subventions de voyage (continued / suite)

Name Department University	Purpose of Grant	Amount \$	Committee
Nom Département Université	But de la subvention	Montant \$	Comité
West, G.F. Physics Toronto	To spend leave at: Macquarie University, Sydney. Australia and National Geophysical Research Institute, Hyderabad, India (July 1981 to June 1982)	2,200	10

5.7. Special Travel Grants-Astronomy/Subventions spéciales de voyage-astronomie

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Baker, A. Physics Victoria	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (12 - 14 July 1981)	997
Bolton, C.T. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (3 -13 July 1981)	2,021
Borra, E.F. Physique Laval	Voyage d'observation au Telescope Canada-France-Hawaii (23 - 29 juillet 1981)	1,730
Borra, E.I. Physique Laval	Voyage d'observation au Telescope Canada-France-Hawaii (26 septembre - 3 octobre 1981)	1,147
Borra, E.F. Physique Laval	Voyage d'observation au Telescope Canada-France-Hawaii (18 - 25 mars 1982)	1,224
Corbally, C. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (19 - 22 November 1981)	1,697
de Roberties, M. Physics Victoria	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (May - July 1981)	611
Demers, S. Physique Montréal	Voyage d'observation au Telescope Canada-France-Hawaii (27 janvier - 2 février 1982)	1,350
Freedman, W.L. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (25 - 30 September 1981)	1,366
Freedman, W.L. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (28 October - 8 November 1981)	1,227
Garrison, R.F. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (19 - 23 November 1981)	1,673
Gies, D.R. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (3 -13 July 1981)	1,770
Grieve, G. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (8 - 25 June)	778
Hardy, E. Physique Laval	Voyage d'observation au Telescope Canada-France-Hawaii (27 septembre - 1 octobre 1981)	1,879

5.7. Special Travel Grants-Astronomy/Subventions spéciales de voyage-astronomie
(continued/suite)

Name Department University	Purpose of Grant	Amount \$
Nom Département Université	But de la subvention	Montant \$
Hardy, E. Physique Laval	Voyage d'observation au Telescope Canada-France-Hawaii (27 juin - juillet 1981)	1,861
Hardy, E. Physique Laval	Voyage d'observation au Telescope Canada-France-Hawaii (29 juillet - 9 août 1981)	2,028
Hardy, E. Physique Laval	Voyage d'observation au Telescope Canada-France-Hawaii (22 mars - 25 mars 1982)	2,013
Innanen, K.A. Physics York	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (30 April - 6 May 1981)	1,129
Madore, B.F. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (25 - 30 September 1981)	1,583
Madore, B.F. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii (28 October - 6 November 1981)	1,414
McLaren R.A. Astronomy Toronto	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (February 25 - March 16 1982)	1,296
Moffat, A. Physique Montréal	Voyage d'observation au Telescope Canada-France-Hawaii (3 septembre - 9 septembre 1981)	1,440
Pritchett, C. Physics Calgary	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (1 - 5 April 1981)	1,252
Rice, J.B. Physics Western Ontario	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (8 - 15 January 1982)	1,629
Robb, R.M. Physics Calgary	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (March 28 - 5 April 1981)	1,045
Walker, G.A.H. Geophysics/ Astronomy British Columbia	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (3 - 11 July 1981)	4,097
Wehlau, W.H. Astronomy Western Ontario	Travel for the Purpose of Observing at Canada-France-Hawaii Telescope (8 - 11 January 1982)	1,587

6. OTHER PROGRAMS OF GRANTS AND SCHOLARSHIPS
ADMINISTERED BY NSERC ON BEHALF OF OTHER
DEPARTMENTS, AGENCIES AND ORGANIZATIONS

6. AUTRES PROGRAMMES DE SUBVENTIONS ET BOURSES
ADMINISTRES PAR LE CRSNG POUR LE COMPTE
D'AUTRES ORGANISMES ET MINISTÈRES

6.1. Environment Canada / Environnement Canada

6.1.1. Postgraduate Fellowships in Meteorology and Atmospheric Sciences / Bourses postgrade en météorologie et sciences atmosphériques

6.1.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Brasnett, Bruce	McGill University	Meteorology
Freire, Eduardo	University of Toronto	Physics
Fung, Christopher	University of Toronto	Meteorology
Leech, Margaret	McGill University	Meteorology
Lesins, Glen	University of Toronto	Physics

6.1.1. Postgraduate Fellowships in Meteorology and Atmospheric Sciences / Bourses postgrade en météorologie et sciences atmosphériques

6.1.1.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Diamond, Gerald	University of Toronto	Meteorology

6.2. Canadian International Development Agency/
Agence canadienne de développement international

6.2.1. CIDA/NSERC Research Associateships/Chercheurs associés ACIDI/CRSNG

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Abdul-Kareem, K. Chemical Engineering Lagos, Nigeria	To collaborate with R.R. Hudgins and P.L. Silveston, Dept. of Chemical Engineering, University of Waterloo on Influence of Forced Periodic operation on catalytic reaction systems (June-October 1981)	Chemical Engineering	5,797
Adeleke, B.B. Chemistry Ibadan, Nigeria	To collaborate with J.K.S. Wan, Dept. of Chemistry, Queen's University on Applications of ESR Spectroscopy to Chemistry (August-September 1980)	Chemistry	500
Adeleye, I.O.A. Animal Science Ibadan Nigeria	To collaborate with J.E. Knipfel, Agriculture Canada Research Branch, Swift Current on improving nutritive value of low quality roughages for sheep and cattle by chemical and physical treatment by nutrient supplementation (January-June 1982)	Ruminant Nutrition	6,105
Ajakaiye, D.E. Physics Ahmadu Bello Nigeria	To collaborate with D.H.Hall, Dept. of Earth Sciences, University of Manitoba on crustal structure from magnetic and gravity anomalies and comparisons between the Canadian and Nigerian precambrian shields (July-September 1981)	Geophysics	6,643
Alj, A. Mathématiques Mohamed V. Rabat Maroc	Collaboration avec A. Haurie, Ecole des Hautes Etudes Commerciales sur commande optimale des processus de populations (avril-juin 1981)	Recherche opérationnelle	1,377
Bamiro, D.A. Technology Ibadan Nigeria	To collaborate with D.R. Axelrad, Dept. of Mechanical Engineering, McGill University on fracture mechanics of metal-polymer composites (August-October 1981)	Micro-mechanics	6,123
Breckenridge, W.R. Zoology Sri Lanka	To collaborate with K.G. Davey and A.S.M. Saleuddin Dept. of Biology, York University on hormones and reproduction in molluscs (July-October 1981)	Zoology	6,303

6.2. Canadian International Development Agency/
Agence canadienne de développement international
(continued/suite)

6.2.1. CIDA/NSERC Research Associateships/Chercheurs associés ACIDI/CRSNG

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Edroma, E. Uganda Institute of Ecology Lake Katwe Uganda	To collaborate with R.W. Wein, Fire Science Centre, University of New Brunswick on Fire intensity, plant species survival and post-fire vegetation- animal community changes (May-July 1981)	Plant Biology	5,507
Eze, J.M.O. Biological Sciences Benin Nigeria	To collaborate with J.K. Morton, Dept. of Biology, University of Waterloo on photo-synthesis and productivity of plants in tropical environments (June-August 1981)	Plant Physiology	7,530
Fawusi, M.O.A. Agronomy Ibadan Nigeria	To collaborate with D.P. Ormrod, Dept. of Horticultural Science, University of Guelph on nutritional and environmental requirements and nutritive values of Nigerian vegetable crops (July-October 1981)	Horticulture Physiology	6,344
Herath, H.M.E. Central Agricultural Research Institute Peradeniya Sri Lanka	To collaborate with G.W. Eaton, Dept. of Plant Science, University of British Columbia on heat tolerance and floral biology in the bean <i>Phaseolus vulgaris</i> (July-August 1981)	Horticulture	4,008
Hunte, W. Biology West Indies Barbados	To collaborate with R. Doyle, Dept. of Biology, Dalhousie University on genetic analysis of Life History traits affecting yield of a crustacean population (July-October 1981)	Biology	4,454
Jackson, T.A. Geology West Indies Jamaica	To collaborate with T.E. Smith, Dept. of Geology, University of Windsor on the major and trace element chemistry of the Cretaceous volcanic rocks in Jamaica (July-September 1981)	Geology	4,089
Kandarkar, S. Cancer Research Institute Bombay	To collaborate with M.H. Hardy Faulding, Dept. of Biomedical Sciences, University of Guelph on the effects of vitamin A, dimethyl-benzanthracene and calcium on oral mucosa, studied in an in vitro culture system (November 1981-July 1982)	Oral cancer	8,761

6.2. Canadian International Development Agency/
Agence canadienne de développement international
(continued/suite)

6.2.1. CIDA/NSERC Research Associateships/Chercheurs associés ACIDI/CRSNG

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Kumar, V. Botany Meerut India	To collaborate with D.P.S. Verma, Dept. of Biology, McGill University on localization of plant genes involved in development of nodules in legumes (April 1981-January 1982)	Botany	12,620
Laryea, K.B. Soil Science Ghana	To collaborate with D.E. Elrick, Dept. of Land Resource Science, University of Guelph on solute movement in soils (July-September 1981)	Soil Physics	6,565
Mangurkar, B.R. Bharatiya Agro-Industries Foundation Poona, India	To collaborate with J.F. Hayes and J.E. Moxley, Dept. of Animal Science, Macdonald College on the study of genotype environment interaction for production traits in cattle (June-August 1981)	Animal Genetics	6,616
Olorunda, A.O. Food Technology Ibadan Nigeria	To collaborate with M.A. Tung, Dept. of Food Science, University of British Columbia on the effects of postharvest factors on the quality attributes of stored, thermally processed or dehydrated fruits and vegetables of tropical or subtropical origin (July-October 1981)	Food Science	6,503
Rajamahendran, R. Animal Husbandry Peradeniya Sri Lanka	To collaborate with P.C. Laguë, Dept. of Animal Science, Macdonald College on Reproductive physiology of local swamp buffalo (July-September 1981)	Animal Science	5,386
Sa-yakanit, V. Physics Chulalongkorn Thailand	To collaborate with H. Glyde, Dept. of Physics, University of Ottawa on physics of heavily doped semiconductors (April-June 1981)	Physics	7,263
Shukla, J.P. Physics Lucknow India	To collaborate S. Walker, Dept. of Chemistry, Lakehead University on Agricultural R.F. and microwave applications research (June-August 1981)	Physics	4,710

6.2. Canadian International Development Agency/
Agence canadienne de développement international
(continued/suite)

6.2.1. CIDA/NSERC Research Associateships/Chercheurs associés ACDI/CRSNG

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Thiagarajah, M. Agricultural Biology Peradeniya Sri Lanka	To collaborate with L.A. Hunt, Dept. of Crop Science, University of Guelph on high temperature tolerance in wheat (July-September 1981)	Plant Physiology	5,882
Wagh, A.S. Physics West Indies Jamaica	To collaborate with B.C. Eu, Dept. of Chemistry, McGill University on theoretical studies of amorphous (glassy) materials (July-September 1981)	Physics	4,055
Zanlungo, A. Química Tecnica del Estado Santiago, Chile	To collaborate with G.G.S. Dutton Dept. of Chemistry, University of British Columbia on the study of the primary chemical structures of bacterial polysaccharides (November 1980-January 1981)	Chemistry	500
Wong, S.Y. Biological Sciences Universiti Sains Malaysia, Malaysia	To collaborate with P.T. Evelyn, Pacific Biological Station, Dept. of Fisheries and Oceans, Nanaimo, B.C. on studies of Anti-Vibrio Vaccines for use in fish culture (January-March 1982)	Fish Health	3,000

6.3. External Affairs Canada/Affaires extérieures Canada
France/Canada Cultural Exchange Agreement/Echanges culturels France/Canada

6.3.1. Visits to Canada: France/Visites au Canada: France

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Amiard-Triquet, C. Laboratoire de biologie marine Centre national de la recherche scientifique	Pour séjourner: 1) Halifax Laboratory, Dept. of Fisheries and Oceans 2) Marine Ecology Laboratory & Atlantic Geoscience Centre, Bedford Institute of Oceanography 3) INRS-Océanologie, Rimouski 4) Pêches et Océans, Québec 5) INRS-Eau Ste-Foy 6) Dép. de Biologie, Université d'Ottawa (juin 1981)	Océanologie	864
Anfosso, F. Unité de recherches de physiopathologie de l'Asthme et des Syndromes obstructifs Institut national de la santé et de la recherche médicale	Pour séjourner: 1) Dept. of Immunology, University of Manitoba (mai-juin 1981)	Immunologie	950
Beaugé, F. Institut national de la santé et de la recherche médicale	Pour séjourner: 1) Dept. of Pharmacology, University of Toronto (novembre 1980-mai 1981)	Pharmacologie	1,600
Betout, P.A.Y. Météorologie nationale Ecole Polytechnique	Pour séjourner: 1) Recherche en prévision numérique, Environnement Canada (septembre 1980-août 1981)	Météorologie	2,400
Boeuf, G. Centre océanologique de Bretagne Centre national pour l'exploitation des Océans	Pour séjourner: 1) Dept. of Fisheries & Oceans, Vancouver 2) Pacific Biological Station, Nanaimo 3) North American Salmon Research Centre, St. Andrews (juin-juillet 1981)	Aquaculture	935
Brémond, A. Clinique gynécologique Hôpital Edouard- Herriot	Pour séjourner: 1) Dept. of Obstetrics and Gynaecology, Vancouver General Hospital (juin-juillet 1981)	Gynécologie- Obstétrique	1,200
Combépine, G. Biologie Lyon	Pour séjourner: 1) Dept. of Physiology, McGill University 2) Dept. of Botany, University of Alberta (février-septembre 1981)	Biologie cellulaire	4,000

6.3.1. Visits to Canada: France/Visites au Canada: France
(continued/suite)

Name Department University	Purpose of Grant	Field of Research	Amount \$
Nom Département Université	But de la subvention	Domaine de recherche	Montant \$
Cosson, M.A. Centre océanologique de Bretagne Centre national pour l'exploitation des océans	Pour séjourner: 1) Fisheries and Ocean Sciences, Sidney B.C. 2) Bedford Institute of Oceanography 3) Halifax Fisheries Laboratory (octobre 1980-septembre 1981)	Océanographie biologique	5,091
Cosson, R.P. Centre océanologique de Bretagne Centre national pour l'exploitation des océans	Pour séjourner: 1) Fisheries and Ocean Sciences, Sidney B.C. 2) Bedford Institute of Oceanography 3) Halifax Fisheries Laboratory (octobre 1980-septembre 1981)	Océanographie biologique	5,372
Dhombres, J. Informatique et Mathématiques Nantes	Pour séjourner: 1) Dept. of Mathematics, University of Waterloo (septembre-octobre 1981)	Mathématiques	800
D'Ozouville, L. Centre océanologique de Bretagne Centre national pour l'exploitation des océans	Pour séjourner: 1) INRS- Océanologie, Rimouski (juillet 1981)	Océanologie	483
Kraus, J.L. Chimie hétéro- organique Bretagne occidentale	Pour séjourner: 1) Dept. of Chemistry, McGill University 2) Dept. of Chemistry, University of British Columbia	Chimie biorganique	1,600
Loquet, M. Biologie végétale et Ecologie, Rouen	Pour séjourner: 1) Dept. of Microbiology, McGill University 2) Faculté de foresterie et de géodésie, Université Laval 3) INRS- Pétrole, Université du Québec 4) 4) Station de Recherches, Agriculture Canada, Ste-Foy 5) Centre de recherches forestières des Laurentides, Ste-Foy (mai-juin 1981)	Microbiologie des sols	832
Perrin, R. Station de recherches sur la Flore Institut national de la recherche agronomique	Pour séjourner: 1) Maritimes Forest Research Centre, Canadian Forestry Service, Fredericton 2) Canadian Forestry Service, Pacific Forest Research Centre, Victoria 3) Dép. d'Ecologie et Pédologie, Université Laval 4) Research Branch, Agriculture Canada, Beaverlodge 5) Dept. of Biology, University of Calgary (octobre 1981)	Pathologie forestière	1,191

6.4. North Atlantic Treaty Organization / Organisation du traité de l'Atlantique Nord

6.4.1. Postdoctoral Fellowships / Bourses postdoctorales

6.4.1.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Bargiello, Thaddeus	United States	Genetics
Beaulieu, Normand	United States	Organic Chemistry
Boulanger, Yvan	United States	Chemistry
Buist, Peter	Switzerland	Organic Chemistry
Chong, Kenneth	England	Chemistry
Davis, Lindsey	Germany	Radio Astronomy
Dow, Alan	United States	Mathematics
Hanrahan, John	University of British Columbia	Zoology
Hepburn, John	United States	Chemistry
Hobill, David	France	Physics
Huntley, Mark	United States	Oceanography
Johnson, David	United States	Virology
Koniuk, Roman	England	Theoretical Physics
Langlois, Pierre	France	Physics
Langstaff, John	England	Molecular Biology
Mastalerz, Harold	United States	Organic Chemistry
Milgram, Paul	Netherlands	Eng. Psychology & Neurophysiol.
Miller, John	England	Marine Science
Peterson, Eric	United States	Neurobiology
Pinto, Brian	France	Organic Chemistry
Scott, Marilyn	England	Parasitology
Stephan, D.	United States	Inorganic Chemistry
Sutton, Donald	United States	Physics
Toms, David	England	Physics
Vincent, Michel	France	Biochemistry
White, Barbara	United States	Computer Science
White, Denis	United States	Physics & Mathematics

6.4.1. Postdoctoral Fellowships / Bourses postdoctorales

6.4.1.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Berman, Kenneth	United States	Mathematics
Boulanger, Yvan	United States	Chemistry
Chong, Kenneth	England	Organic Chemistry
Edwards, Bonnie	United States	Nuclear Physics
Hepburn, John	United States	Physics & Chemistry
Hobill, David	France	Physics
Kolthammer, Brian	United States	Inorganic Chemistry
Koniuk, Roman	England	Physics
Kunstatler, Gabor	England	Physics
Papp, Kim	United States	Astronomy
Peterson, Michael	Belgium	Chemistry
Phan viet, Minh	United States	Chemistry
Pinto, Brian	France	Chemistry
Scott, Marilyn	England	Parasitology
Sharpe, Lindsay	England	Experimental Psychology
Spring, Jeffrey	England	Zoology
Stephan, Douglas	United States	Inorganic Chemistry
Toms, David	England	Physics
Vogl, Wayne	United States	Mammalogy & Zoology
White, Denis	United States	Mathematics

6.5. Visiting Fellowships in Canadian Government Laboratories / Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

6.5.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Abou Debs, C.	Fisheries & Oceans	Biological Science
Adams, J.	EMR Earth Physics	Geology
Ahmad, A.	EMR CAM MET	Physical Chemistry
Akbar, M.	Agric. Grain Research Winnipeg	Poultry Science
Anderson, R.	EMR Geological Survey	Geology
Archambault, P.	National Defence	Physical Chemistry
Arsenault, A.	Fisheries & Oceans	Biology
Bahurmuz, A.	AEC Whiteshell	Physics
Benhamou, N.	Agric. Grain Research Winnipeg	Microbiology
Ben-Ze'ev, I.	Agric. Grain Research Winnipeg	Plant Pathology
Bielanski, A.	Agric. Grain Research Winnipeg	Veterinary Medicine
Bierschenk, B.	Department of Communications	Psychology
Bloxam, R.	ENV. Atmospheric Service	Meteorology
Bower, S.	Fisheries & Oceans	Parasitology
Brener, D.	NRC Biological Sciences	Genetics
Bresse, J.	Department of Communications	Physics
Brice, K.	ENV. Atmospheric Service	Chemistry
Broadbent, A.	Agric. Grain Research Winnipeg	Entomology
Browne, E.	NRC Chemistry	Chemistry
Buhr, M.	Agric. Grain Research Winnipeg	Animal Physiology
Busack, C.	Fisheries & Oceans	Genetics
Butler, E.	NRC Atlantic Lab.	Oceanography
Carignan, R.	ENV. Nat. Water Res. Inst.	Biology
Carl, L.	Fisheries & Oceans	Fisheries
Chan, K.	ENV. Atmospheric Service	Chemistry
Condal, A.	ENV. Atmospheric Service	Astronomy
Cone, D.	Fisheries & Oceans	Fisheries
Connor, L.	Agric. Grain Research Winnipeg	Animal Physiology
Cote, B.	Fisheries & Oceans	Fisheries
Cote, J.	ENV. Atmospheric Service	Meteorology
Couture, M.	AEC Chalk River	Physics
Cullen, J.	Fisheries & Oceans	Oceanography
Cullen, J.	ENV. Nat. Water Res. Inst.	Chemistry
Dehn, P.	Fisheries & Oceans	Biology
Demers, S.	Fisheries & Oceans	Oceanography
Demopoulos, G.	EMR CAM MET	Metallurgy
Dickinson, J.	National Museums	Zoology
Dixon, G.	Fisheries & Oceans	Fisheries
Farhang, A.	ENV. Atmospheric Service	Meteorology
Fitzpatrick, D.	Agric. Grain Research Winnipeg	Nutrition
Giles, B.	Agric. Grain Research Winnipeg	Genetics
Gnanamanickam, S.	Agric. Grain Research Winnipeg	Agriculture
Gopalakrishna, V.	EMR CCRS	Computer Science
Gray, D.	National Defence	Psychology
Gray, L.	National Defence	Psychology
Guilbault, J.	EMR Geological Survey	Geology
Gupta, M.	NRC Chemistry	Chemistry
Handa, S.	EMR Earth Physics	Physics
Hanna, Z.	NRC Biological Sciences	Organic Chemistry
Haque, F.	Health & Welfare Canada	Chemistry

6.5. Visiting Fellowships in Canadian Government Laboratories / Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

6.5.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82 (continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Harris, H.	NRC Herzberg Inst.	Astronomy
Hearty, P.	Department of Communications	Psychology
Hill, P.	EMR Geological Survey	Geology
Himmelman, J.	Fisheries & Oceans	Fisheries
Hocking, P.	Agric. Grain Research Winnipeg	Genetics
Holtby, L.	Fisheries & Oceans	Oceanography
Ivey, G.	ENV. Nat. Water Res. Inst.	Mechanical Engineering
Jedrasik, J.	ENV. Nat. Water Res. Inst.	Water
Jennings, K.	Agric. Grain Research Winnipeg	Biology
Jorch, H.	AEC Chalk River	Physics
Klaren, C.	Agric. Grain Research Winnipeg	Plant Physiology
Klimaszewski, J.	Agric. Grain Research Winnipeg	Entomology
Klimaszewska, K.	Agric. Grain Research Winnipeg	Plant Science
Korstgard, J.	EMR Geological Survey	Geology
Kowalski, J.	AEC Whiteshell	Mechanical Engineering
Lacroix, G.	Fisheries & Oceans	Biology
Leaitch, W.	ENV. Atmospheric Service	Physics
Lefavre, D.	Fisheries & Oceans	Oceanography
Lemieux, C.	NRC Biological Sciences	Molecular Biology
Mazid, M.	NRC Chemistry	Chemical Engineering
McAfee, B.	NRC Atlantic Lab.	Biology
Michon, F.	Fisheries & Oceans	Biophysics
Moinet, A.	Fisheries & Oceans	Oceanography
Moranelli, F.	NRC Biological Sciences	Genetics
Morrison, R.	EMR CAM MET	Chemistry
Neustaedter, J.	ENV. Atmospheric Service	Chemistry
Neuwirth, M.	NRC Atlantic Lab.	Physiology
Nilmani, M.	EMR CAM MET	Metallurgy
Nose, S.	NRC Chemistry	Theoretical Chemistry
Ostrowski, J.	EMR Earth Physics	Geophysics
Paramasigamani, V.	Health & Welfare Canada	Chemistry
Pempkowiak, J.	Fisheries & Oceans	Geochemistry & Mineralogy
Perry, D.	ENV. Forestry Service	Plant Pathology
Peterson, H.	Fisheries & Oceans	Biological Science
Pickrill, R.	EMR Geological Survey	Geological Sciences
Poon, R.	Health & Welfare Canada	Biochemistry
Prasad, L.	NRC Chemistry	Crystallography
Prowse, T.	ENV. Inland Waters	Water
Quinlan, G.	EMR Geological Survey	Geophysics
Rance, M.	NRC Biological Sciences	Physics
Rombough, P.	Fisheries & Oceans	Biology
Sanmugasunderam, V.	EMR CAM MET	Biochemical Engineering
Scarth, R.	Agric. Grain Research Winnipeg	Plant Science
Schwinghamer, P.	Fisheries & Oceans	Marine Ecology
Sharma, K.	AEC Chalk River	Nuclear Research
Shimotani, T.	EMR CAM MET	Engineering
Shirvell, C.	Fisheries & Oceans	Fisheries
Singh, G.	Agric. Grain Research Winnipeg	Zoology
Smallbone, B.	Agric. Grain Research Winnipeg	Biochemistry
Smith, R.	Fisheries & Oceans	Marine Ecology
Stewart, I.	NRC Atlantic Lab.	Chemistry
Stewart, W.	Agric. Grain Research Winnipeg	Entomology
Stoffyn-Egli, P.	EMR Geological Survey	Marine Science
Stoss, J.	Fisheries & Oceans	Fisheries
Struik, L.	EMR Geological Survey	Geology

6.5. Visiting Fellowships in Canadian Government Laboratories / Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

6.5.1. Awards Initiated in 1981-82 / Bourses prenant effet en 1981-82
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Sturz, A.	Agric. Grain Research Winnipeg	Plant Pathology
Szymanski, J.	EMR CAM MET	Mining Engineering
Taylor, W.	ENV. Nat. Water Res. Inst.	Biology
Tazaki, K.	EMR Geological Survey	Geochemistry & Mineralogy
Therrien, M.	Agric. Grain Research Winnipeg	Plant Science
Topliss, B.	EMR Geological Survey	Oceanography
Tremblay, P.	Agric. Grain Research Winnipeg	Biochemistry
Tse, J.	NRC Chemistry	Chemistry
Von Aderkas, P.	NRC Atlantic Lab.	Biological Science
Whalen, J.	EMR Geological Survey	Geology
Wong, A.	National Defence	Biochemistry
Yamazaki, K.	EMR Earth Physics	Geophysics
Yee, J.	Agric. Grain Research Winnipeg	Entomology
Zagorska-Marek, B.	ENV. Forestry Service	Biology

6.5. Visiting Fellowships in Canadian Government Laboratories / Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

6.5.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Acikgoz, E.	Agric. Grain Research Winnipeg	Plant Science
Ahmad, A.	EMR CAM MET	Physical Chemistry
Arseault, A.	Fisheries & Oceans	Biology
Asina, S.	ENV. Forestry Service	Pathology
Bahurmuz, A.	AEC Whiteshell	Physics
Benhamou, N.	Agric. Grain Research Winnipeg	Microbiology
Ben-Ze'ev, I.	Agric. Grain Research Winnipeg	Plant Pathology
Blakey, D.	Health & Welfare Canada	Botany
Broadbent, A.	Agric. Grain Research Winnipeg	Entomology
Browne, E.	NRC Chemistry	Chemistry
Carignan, R.	ENV. Nat. Water Res. Inst.	Biology
Carl, L.	Fisheries & Oceans	Fisheries
Chan, K.	ENV. Atmospheric Service	Chemistry
Cloutier, Y.	Agric. Grain Research Winnipeg	Biochemistry
Cone, D.	Fisheries & Oceans	Fisheries
Connor, L.	Agric. Grain Research Winnipeg	Animal Physiology
Cote, B.	Fisheries & Oceans	Fisheries
Couture, M.	AEC Chalk River	Physics
Cullen, J.	Fisheries & Oceans	Oceanography
Cullen, J.	ENV. Nat. Water Res. Inst.	Chemistry
Dehn, P.	Fisheries & Oceans	Biology
Demers, S.	Fisheries & Oceans	Oceanography
Dixon, G.	Fisheries & Oceans	Fisheries
Gelot, A.	EMR CAM MET	Chemistry
Gnanamanickam, S.	Agric. Grain Research Winnipeg	Agriculture
Gray, D.	National Defence	Psychology
Gray, L.	National Defence	Psychology
Guilbault, J.	EMR Geological Survey	Geology
Hall, D.	AEC Chalk River	Physics
Harris, H.	NRC Herzberg Inst.	Astronomy
Hart, D.	AEC Whiteshell	Biology
Hawkins, C.	Fisheries & Oceans	Marine Science
Hearty, P.	Department of Communications	Psychology
Himmelman, J.	Fisheries & Oceans	Fisheries
Hocking, P.	Agric. Grain Research Winnipeg	Genetics
Ivey, G.	ENV. Nat. Water Res. Inst.	Mechanical Engineering
Klaren, C.	Agric. Grain Research Winnipeg	Plant Physiology
Klimaszewski, J.	Agric. Grain Research Winnipeg	Entomology
Korstgard, J.	EMR Geological Survey	Geology
Kowalski, J.	AEC Whiteshell	Mechanical Engineering
Lacroix, G.	Fisheries & Oceans	Biology
Leitch, W.	ENV. Atmospheric Service	Physics
Lee, K.	National Defence	Chemistry
Lefaivre, D.	Fisheries & Oceans	Oceanography
Leung, P.	Health & Welfare Canada	Inorganic Chemistry
Looney, S.	Health & Welfare Canada	Statistics
Manolis, A.	National Defence	Clinical Measurement
McAfee, B.	NRC Atlantic Lab.	Biology
McHugh, J.	AEC Chalk River	Radiation & Solid State Chemistry
McMillan, R.	EMR CAM MET	Chemistry
Michon, F.	Fisheries & Oceans	Biophysics
Moranelli, F.	NRC Biological Sciences	Genetics
Morrison, R.	EMR CAM MET	Chemistry
Muter, P.	Department of Communications	Experimental Psychology

6.5. Visiting Fellowships in Canadian Government Laboratories / Bourses de recherche scientifique dans les laboratoires du gouvernement canadien

6.5.2. Awards Initiated in 1980-81 / Bourses prenant effet en 1980-81
(continued/suite)

Name Nom	Location of Tenure Endroit de validité	Field of Research Domaine de recherche
Neustaedter, J.	ENV. Atmospheric Service	Chemistry
Neuwirth, M.	NRC Atlantic Lab.	Physiology
Nilmani, M.	EMR CAM MET	Metallurgy
Nudds, T.	ENV. Canadian Wildlife Service	Zoology
Ostrowski, J.	EMR Earth Physics	Geophysics
Paramasigamani, V.	Health & Welfare Canada	Chemistry
Pempkowiak, J.	Fisheries & Oceans	Geochemistry & Mineralogy
Perry, D.	ENV. Forestry Service	Plant Pathology
Peterson, H.	Fisheries & Oceans	Biological Science
Prasad, L.	NRC Chemistry	Crystallography
Rance, M.	NRC Biological Sciences	Physics
Rangarajan, R.	NRC Chemistry	Physical Chemistry
Robinson, J.	Department of Communications	Communication Science
Schueler, F.	National Museums	Zoology
Sharma, K.	AEC Chalk River	Nuclear Research
Shirvell, C.	Fisheries & Oceans	Fisheries
Shorrocks, C.	Agric. Grain Research Winnipeg	Animal Nutrition
Simard, R.	EMR CCRS	Geophysics
Stewart, W.	Agric. Grain Research Winnipeg	Entomology
Struik, L.	EMR Geological Survey	Geology
Szymanski, J.	EMR CAM MET	Mining Engineering
Tazaki, K.	EMR Geological Survey	Geochemistry & Mineralogy
Tomlins, G.	EMR CCRS	Environmental Sciences
Topliss, B.	EMR Geological Survey	Oceanography
Tse, J.	NRC Chemistry	Chemistry
Tunncliffe, V.	Fisheries & Oceans	Marine Science
Von Aderkas, P.	NRC Atlantic Lab.	Biological Science
Whalen, J.	EMR Geological Survey	Geology
Wilson, J.	ENV. Atmospheric Service	Meteorology
Wrench, J.	Fisheries & Oceans	Marine Science
Yamazaki, K.	EMR Earth Physics	Geophysics
Yee, J.	Agric. Grain Research Winnipeg	Entomology
Yoshida, A.	Department of Communications	Communication Science
Yu, E.	NRC Biological Sciences	Physiology
Zwiers, F.	ENV. Atmospheric Service	Statistics